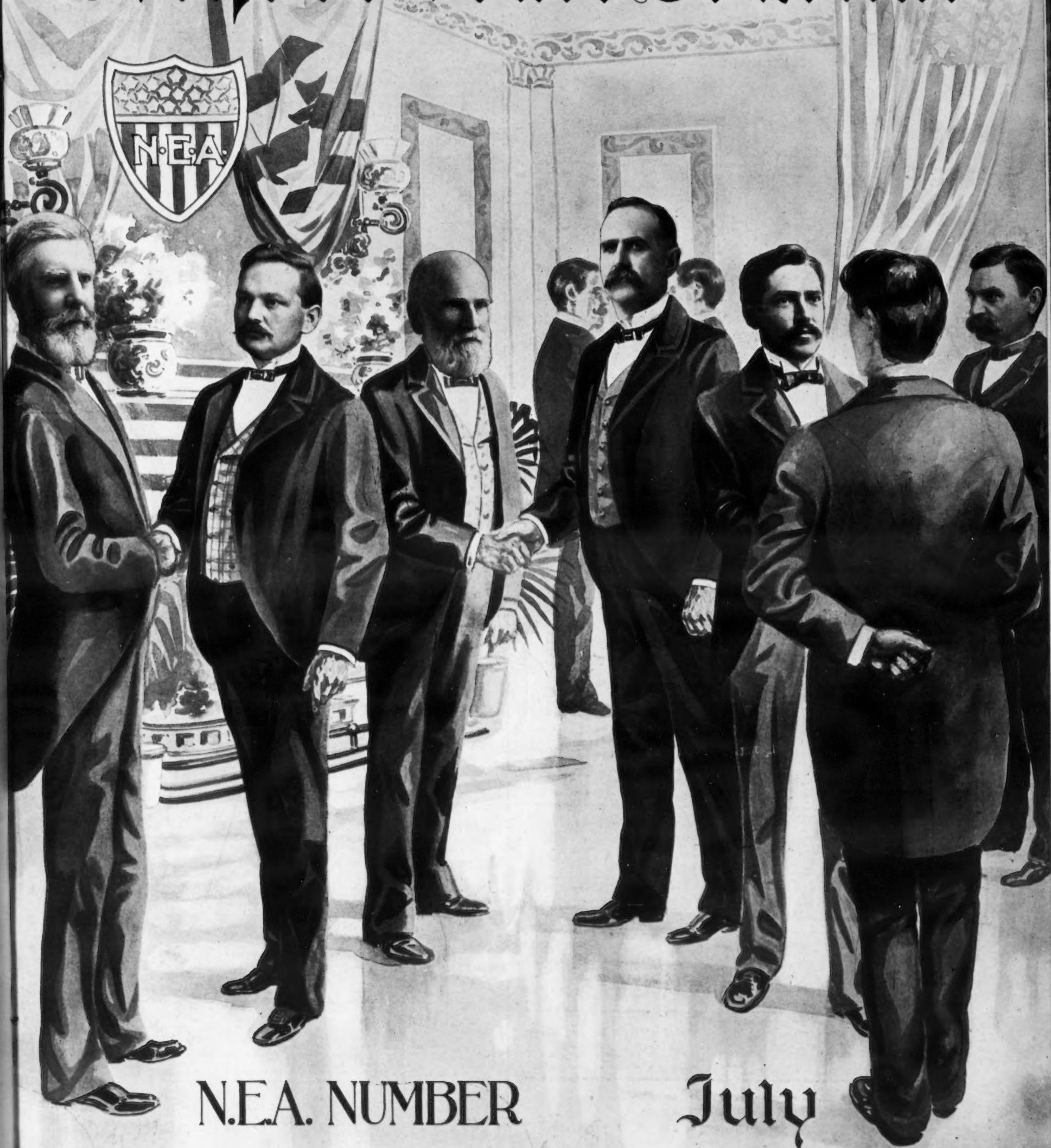


# THE AMERICAN School Board Journal



N.E.A. NUMBER

July

WM.GEO.BRUCE, PUBLISHER,  
CHICAGO,

NEW YORK,

MILWAUKEE.

ESTABLISHED 1848

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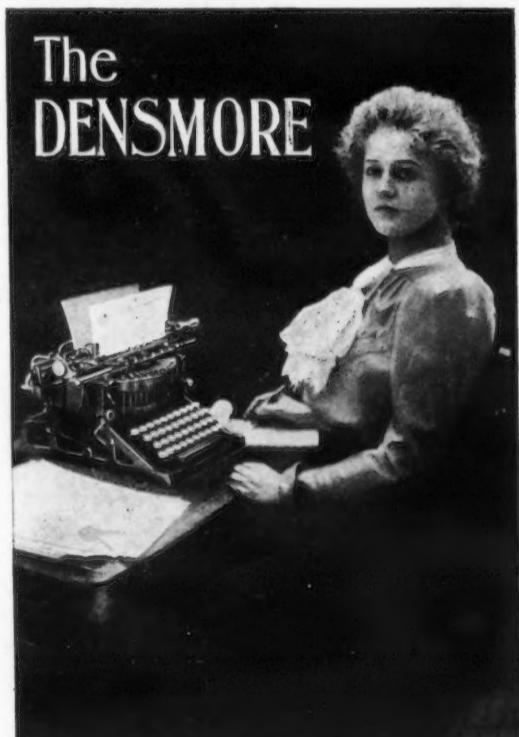
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PUPILS  
BREATHE  
PURE  
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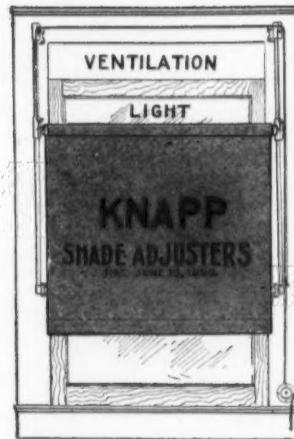
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THE first cut shows the ordinary shade hung from top of window which utterly fails to provide proper light and permit ventilation except from bottom of window. This is impossible in Winter and impracticable in Summer, as the pupil next to the window is too cold, or those farther away do not get enough either of pure air or light.

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ROOMS.**

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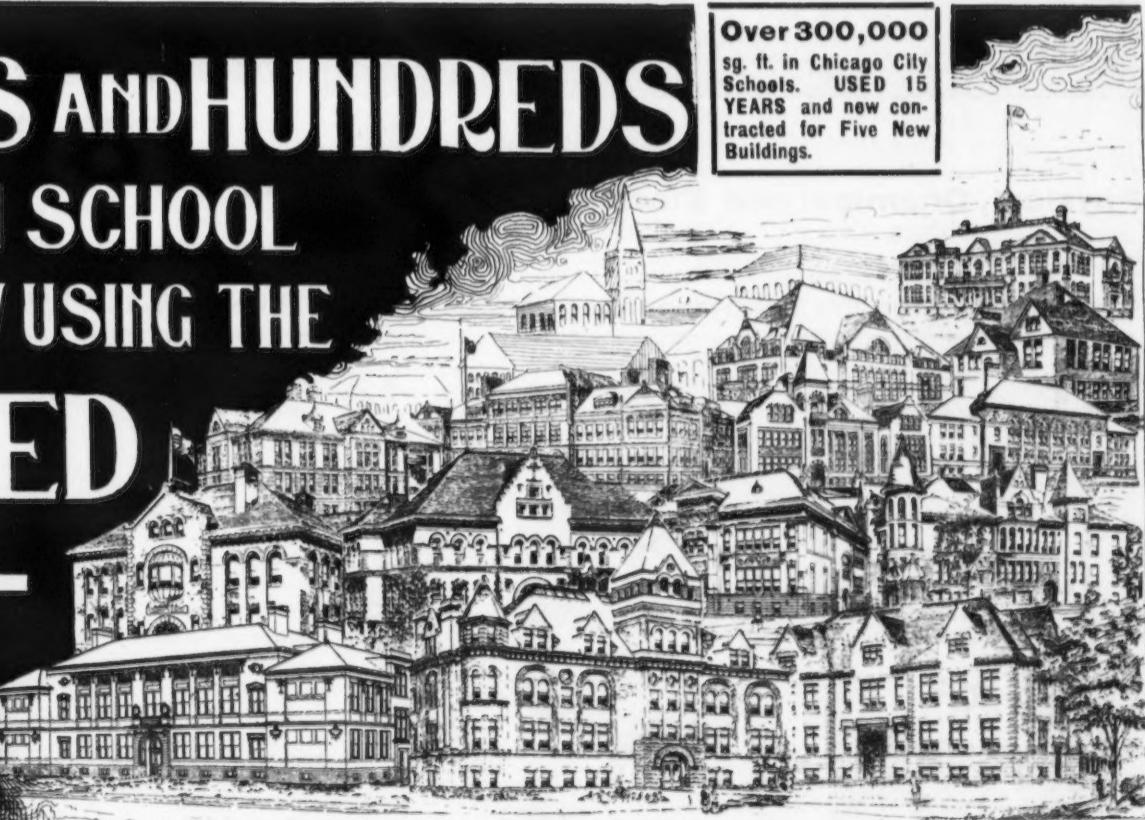
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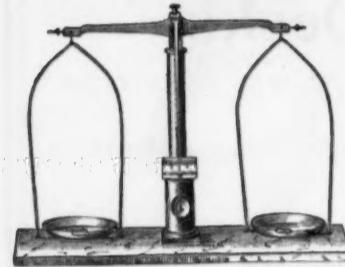
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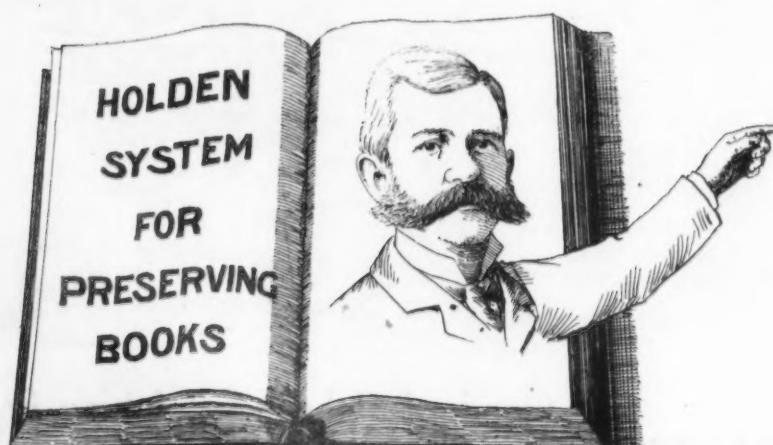
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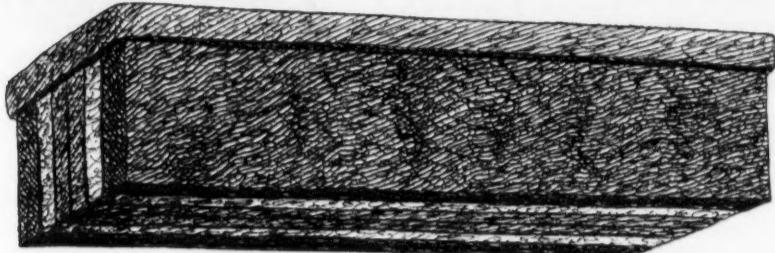
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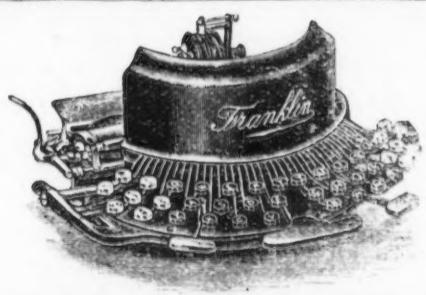
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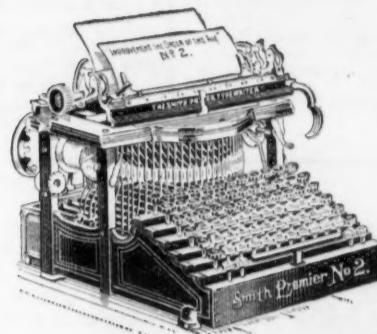
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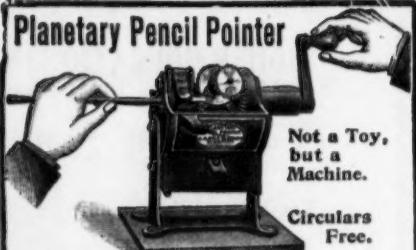


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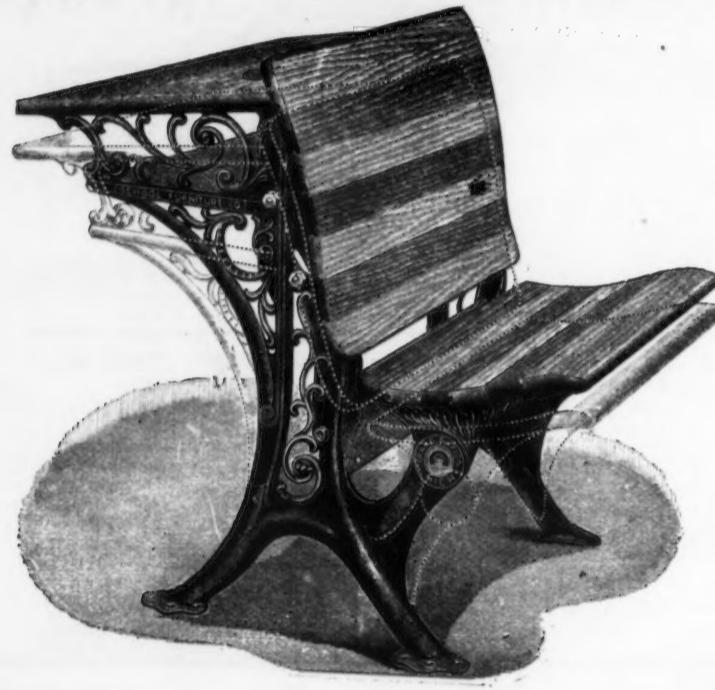
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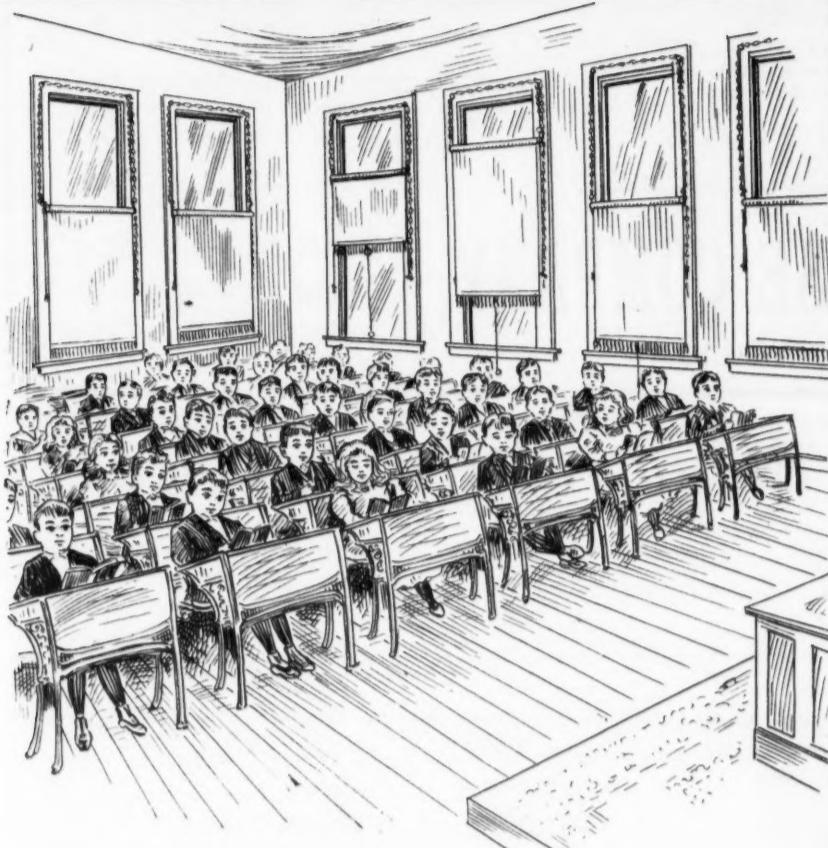
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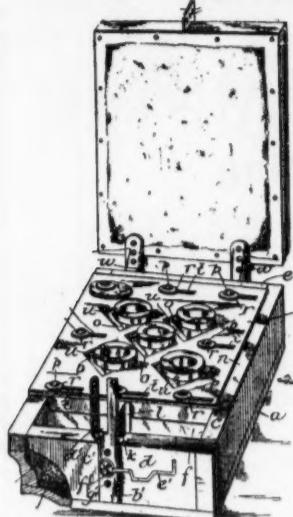
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# School Board Journal

## Special Notice to Teachers and All School Officials:



Your attention is called to the sticky, muddy ink so often found in the inkwells of school desks; to pupils getting ink by accident or mischief on desks, books, clothing, fingers and floor; to the danger of transmitting disease by storing and using in common the pens and pencils; to the general rapid evaporation of ink; to the large amount of time, energy and nerve force wasted by the teacher in the care of inkwells as usually left in school desks. All this can now be avoided by using the Bartens' Antiseptic Cabinet for collecting, storing and distributing ink wells, pens and pencils. Its use prevents the pupil forming a habit of writing a muddy, coarse ugly hand; prevents freezing of ink; promotes health, cleanliness, educational progress, convenience, etc.

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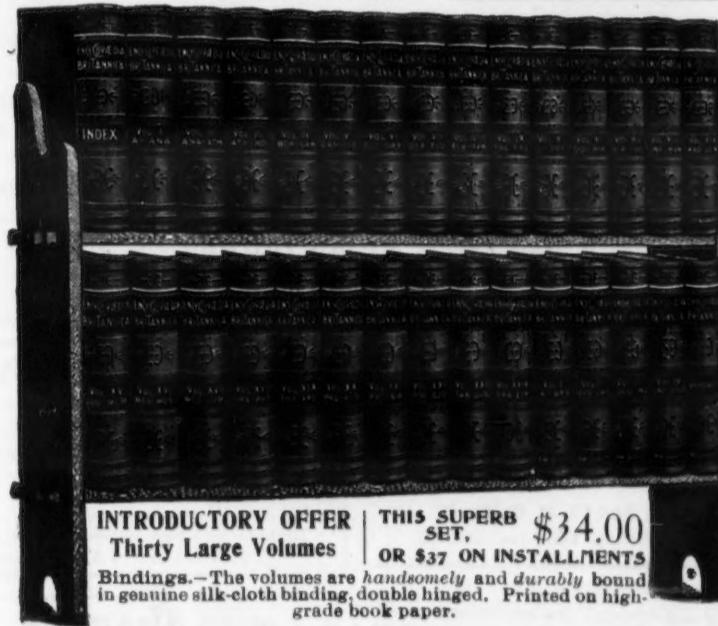
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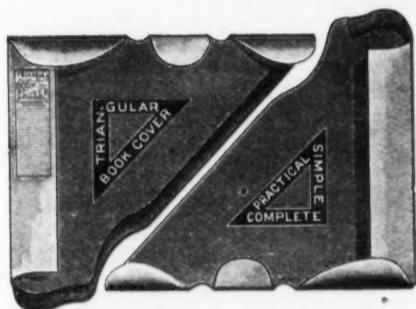
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VOL. XXI. NO. 1.

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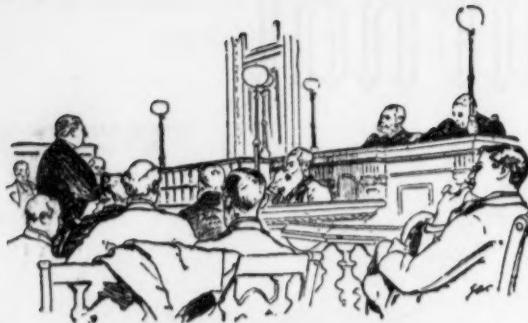
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# School Board Journal



## The Law on Teachers.

### Breach of Contract.

Where a school board recognizes a person acting under a contract as a school teacher of one of its schools, and pays such person her salary therefor, they are thereafter estopped, in an action by the teacher to recover damages for breach of contract, where she was dismissed before the expiration of the term of her employment, to question the validity of the contract on the ground that it was entered into by the members comprising the board without meeting and acting as such.—School Dist. No. 25 of Jefferson County versus Stone, Colo.

### Employment of Teachers.

Under a statute authorizing school boards "to employ or discharge teachers" it is not necessary that the members thereof should meet and act as a board in order to make a valid contract for the employment of a teacher, where they all assented to the employment.—School Dist. No. 25 of Jefferson County versus Stone, Colo.

### Dismissal of Teachers.

In an action by a school teacher, after dismissal, for breach of contract, where the school board refused to let her complete her term, and set up in their answer that she was incompetent, they cannot show such incompetency unless they have complied with the law, providing that "no teacher shall be dismissed without due notice and on good cause shown." Hence, in the absence of an allegation of compliance therewith, it was not error to strike from defendant's answer an allegation of plaintiff's incompetency.—School Dist. No. 25 of Jefferson County versus Stone, Colo.

### Suit for Salary.

A school board having dismissed a teacher upon the ground that she had applied for a position in another school, in an action brought by her to recover her salary for the unexpired portion of her term, a letter written by a third person to the school board is admissible to show that the application complained of was made before the teacher had accepted her position.—Custer versus School Dist. of Borough of Ridley Park, Pa.

### Appointment of Superintendents.

Where there was a contest over the office of superintendent of public schools of a city between two claimants, appointed by different boards of school trustees, each acting under alleged authority of law, it was not necessary that a claimant present his claim to the state superintendent of public instruction before bringing suit for the office.—Kimbrough versus Barnett, Tex.

Minneapolis, Minn. The charter commission has agreed upon the section in regard to the election of school superintendent and his powers which is to be incorporated in the new city charter. It reads as follows: Said board shall elect a superintendent of schools, whose term of office shall be three years. Said superintendent shall, subject to the approval of the board, determine the granting and classification, the text books to be used and all books for supplementary use in the public schools.

## New Rules and Regulations

Philadelphia, Pa. For fear of sectional school boards coercing teachers and forcing them to practically smuggle favorite pupils into the higher schools, the central board of education, after considering the proposition of Supt. Brooks, to dispense with examination of certain pupils for promotion, decided that this would not be advisable.

Lancaster, O. The rules relating to the telephones in the schools read as follows:

1. The use of the telephone in all school buildings shall be restricted to the members of the board and its employees, who shall authorize its use to others only in case of necessity.

2. During school hours, any message intended for any employee of the board, shall be communicated through the superintendent or the principal of the building to which the message is sent.

3. All communications to pupils must be sent through the principal of the building, and no child shall be excused on a telephone message, except in cases of real necessity.

4. No teacher shall be allowed to use the telephone during school hours, except in cases of real necessity.

Toledo, O. President Dowd has given notice that he is going to submit amendment to the rules to provide that all pupils shall be permitted to leave the room when necessary, the necessity to be determined by the pupil, and that no teacher shall be allowed to detain pupils when such absence is requested, that pupils are not to be detained after school as a punishment, and that in inclement weather the janitor of a school building must open the basement of a school one hour in advance of the morning exercises and thirty minutes before school takes up in the afternoon.

Atlanta, Ga. The principal features of the new rules adopted are the provisions concerning graduation and promotion. It is provided that before receiving a diploma a member of the senior class in the high school must be graded "fair" in any one study.

In regard to promotions it is provided that a pupil must receive "fair" or above, in all studies. Upon failure to receive that mark an examination may be demanded by the parent or guardian. On this examination, which is to be written, if the requisite mark, "fair," is not obtained in any study, the parent or guardian may, at the beginning of the next term, demand a second examination in those studies in which the pupil failed. If "fair," or above, is received, the pupil is to be promoted.

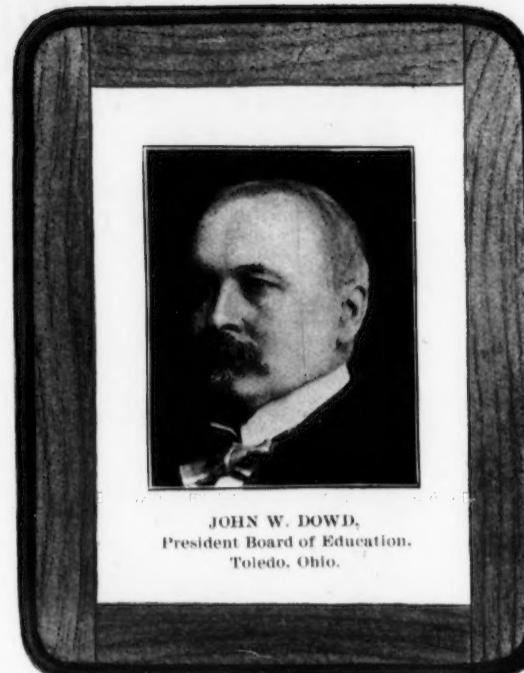
Binghamton, N. Y. A request to the board of education that the pupils of the schools be enlisted as canvassers for funds for a Longfellow monument was promptly, unanimously and indefinitely laid on the table.

Chicago, Ill. Teachers are forbidden to send home tardy pupils, they are to exact proper excuses for tardiness and should they be refused to communicate with the parents or guardians.

Oakland, Cal. Teachers who persist in calling pupils by nicknames are liable to official decapitation. The practice has been prohibited by an edict of the board.

Salt Lake City, Utah. Suspension from the high school for one year is the punishment prescribed by the board of education for a pupil who struck his principal.

Flushing, L. I. A uniform system of fire alarm drills in all the schools of Queens Borough has been decided upon. The signals will be the same and directions to classes alike in every school.



JOHN W. DOWD,  
President Board of Education,  
Toledo, Ohio.

San Francisco, Cal. No charge against any teacher is to be made by the superintendent upon complaints of any party until legal evidence has been presented to the superintendent sufficient to warrant the dismissal of such teacher.

Chester, Pa. The board adopted a resolution which reads: Resolved, that the superintendent instruct all teachers that we disapprove of severe punishment, and that striking the children on the mouth, or on the ear and head is prohibited; and in cases where corporal punishment is necessary it must be done under the direction and supervision of the principal of the school.

Pottstown, Pa. The board of education has given the teachers the authority to take the pupils of the schools into the woods on certain afternoons during the months of May and June in order that they might more carefully study the life and habits of plants, trees and flowers.

Wilmington, Del. Labor organizations are pleased at the action of the board of education to close the schools on Labor Day.



Servant—What's an educator, Miss?

Teacher—You ought to know, Bridget; one dined with us yesterday.

Servant—Aw, yes. I know; it's a teacher with her Sunday clothes on.

# Among Superintendents

Pauls Valley, I. T. Superintendent John W. Wilkinson offers the following advice to teachers: "A smiling, unruffled serenity in the school room under all circumstances is a tower of strength to the teacher. To permit anything to cause a show of vexation or annoyance is weakness. Keep your temper carefully curbed."

Fort Wayne, Ind. Frank L. Jones, the state superintendent of public instruction, is considering the advisability of a plan to have school teachers examine the eyes of pupils, to see whether they are in need of treatment.

Chicago, Ill. Dr. A. F. Nightingale, superintendent of high schools, believes in a medical examination of the students entering the Normal school. He thinks that many students are permitted to enter who are not physically strong enough to teach after the completion of the course.

State Superintendent Thomas J. Kirk, of California: "Let me enumerate the elements of great leadership. They are strong will power, self-control, self-reliance, abundant energy, courage, keen insight, quickness to meet emergencies and the ability to think while acting and to act while thinking. These qualities we must admit have been possessed by our leaders in every walk of life. And these leaders have received their training in country or rural schools."

Chicago, Ill. Superintendent E. Benjamin Andrews: "The greatest obstacle to the success and prosperity of the schools is the close relation between the board of education and the city hall. There is entirely too much 'pull' in the appointment and promotion of teachers. We have on our eligible lists perhaps twenty-five principals and 100 teachers, and within these limits the appointments are too much governed by influence. You may ask why should not the appointment go by the markings, and I think matters could be arranged so that this could be so. But at present it is impossible, because the markings do not show some important matters. The principal with the highest mark might be a pigmy or a hunchback, or a consumptive. There are many things to be considered besides the mark."

Louisville, Ky. Superintendent E. H. Mark: "As long as the public school system is subject to the caprices of those who imagine that it is organized for eleemosynary purposes, it will be impossible to get for the children in that system the treatment to which they are entitled. There should be but one motive directing every action of school authorities, and that is the good of the child. School boards, superintendent, principals and teachers are only means to this end, and when it is found that any of these fails to promote the best interests of the child there should be no hesitancy on the part of those interested in dispensing with the services of such a one."

Oakland, Cal. County Superintendent T. O. Crawford advocates the addition of ethics to the course of study.

Minneapolis, Minn. Superintendent C. M. Jordan: "Regard for law, respect for the opinion and rights of others, reverence for age, and a willingness to admit that those of riper experience can teach us something, should be earnestly impressed upon the mind of every child in the common schools."

Yonkers, N. Y. Superintendent Charles E.

Gorton: "The superintendent should either have the absolute power of the appointment of teachers or should nominate them subject to confirmation by the board. In any event, the board should not have the power to appoint without his approval.

"If he has been selected for his professional attainments and experience he knows the quality and kind of people he wants, and should be the judge of their special fitness."

Colonel Francis W. Parker: "One of the profound mysteries in this world is the marvelous psychological change that comes over respectable laymen when they are elected by their fellow citizens to serve on school committees. Persons who never would dream of superintending an electric plant, managing a railroad, building a bridge, leading an army, or commanding a ship, enter on the duties of a school committee with the astonishing presumption that they can minister directly to the welfare of children with safety, mold society into right living, and shape the destinies of a nation by means of a common education; that they can make courses of study, select teachers, examine pupils, and manage the internal and pedagogical affairs of a school system. This prevailing state of affairs would be ridiculous if it were not so awfully solemn. The presumption of school boards is the acute distress of the nation. It is the culmination of bad policies, the worst by-product of a democratic evolution. For this presumption millions in money are wasted every year, countless children suffer, and free government is imperiled."

## School Sessions.

The Political Code of California provides that the school hours shall be from 9 a. m. to 4 p. m. unless otherwise provided by special legislation.

Kankakee, Ill. A continuous session has been established in the high school which opens at 8 a. m. and closes at 1 p. m.

Rochester, N. Y. Children attending the kindergarten and first grade are hereafter to attend but one session a day. The board has concluded that very young children should not be subjected for two sessions daily to close air, the physical constraint, the undue crowding and the mental strain and tension of the school room, conditions which they believe prevail to a considerable extent even in the best appointed and conducted schools.

Grand Rapids, Mich. The request of the high teachers and pupils for a single session each day was denied.

Chicopee, Mass. A petition from the high school pupils and their parents, asking that the session be held from 8:00 A. M. to 1 P. M. as at present was granted for one month.

## Special Studies.

Shreveport, La. Music has been introduced as a regular branch of instruction.

Boston, Mass. The position of director of music has been created and his salary fixed at \$3,000 per annum.

Iowa. A new law requires that music be taught in all schools of the school.

Somerville, Mass. The board has ordered that the vertical writing system in all grades where it is taught be discontinued, and the muscular forearm slant movement be adopted.

Lancaster, O. The daily sessions are from 8:20 a. m. to 11:20 a. m., with a recess of fifteen minutes; and from 1:00 to 3:30 p. m., with recess of fifteen minutes.

San Francisco, Cal. Superintendent R. H. Webster has been holding many meetings with the teachers for the purpose of utilizing their experience in making up a new course of study. He proposes to "eliminate the waste" from the course and turn out pupils who shall be thoroughly grounded in the fundamental elements, at least, of a common school education.

Cohoes, N. Y. A resolution has been offered in the board that arrangements be made for the teaching of sewing in the lower grades every Friday afternoon between the hours of three and four o'clock.

Kansas City, Kan. A manual training school is to be established and made a part of the school system.

Nebraska City, Neb. The board has established a kindergarten.

Racine, Wis. The committee to whom was referred the request of the superintendent and principals that owing to the prominence given to the subject of bookkeeping in the high school, this branch be omitted from the grammar school course, reported that they had carefully considered said matter and, believing the knowledge and ability acquired in connection with this subject in the ward schools to be of decided practical value to the pupils after leaving school, recommended that the branch be retained. Report adopted.

North Des Moines, Ia. Music has been added to the course of study of the high school.

Chicago, Ill. Mrs. Isabelle O'Keeffe, of the board's kindergarten committee: "Kindergartens are no longer regarded as fads; they are now numbered among the necessities. The work of those now in operation is so effective that we are encouraged to increase the number greatly. We intend to establish the majority of the proposed schools in the poorer sections because many children there must go to school when they are very young or not at all."

San Francisco, Cal. The board has been considering the introduction of the practical study of municipal government in the schools. The plan contemplates the operation of a "school city," with all the accompanying official departments and presiding heads.



D. E. WILLIAMS.      FRED ALBERT.      E. E. CLARY.  
A. B. MOSSER.      DR. ASH. D. BENNETT.      EMERY MAHAFFEY  
SCHOOL BOARD OF MAHAFFEY, PA.

# Special Studies

Des Moines, Ia. The majority of the patrons of the schools having expressed themselves in favor of the introduction of German as a study, the board has decided to add it to the curriculum.

Rockford, Ill. Music is to be taught in the high school.

Chicago, Ill. A class of Americans has begun a study of the Spanish language, with Dr. Leopold Arnaud, Spanish consul of Chicago, as instructor.

Cincinnati, O. A movement is on foot to introduce dental instruction in the public schools. In London, England, dentistry is considered an important branch of instruction in the schools, and Louisville, Ky., has been the foremost in America in that respect. "I believe the sum of physical evils which may be traced directly to decay and loss of teeth to be far greater than any likely to be inflicted by the advent of contagious or infectious diseases," says a noted dental writer. "The loss of the masticating teeth before thirty years of age means a shortening of life for several years. It is astonishing in what condition the teeth of many persons get even before fifteen years of age. The effect of candies, pickles and, in fact, acids and all things sweet and sour on the teeth should be taught as regularly in the schools as how to spell, read, write and cipher. I hope that at no distant day dentists will be employed in our schools, and goodness knows they ought to come before music and language teachers." The board of education will shortly take the matter up and favorable action is predicted.

Detroit, Mich. The board has been requested to add the study of German to the grammar school curriculum.

Atlanta, Ga. Mr. W. M. Slaton, the principal of the boy's high school, in his report to the superintendent, says: "We need a business department. A majority of our boys enter upon a business career after graduation. They must do so without business training and instruction, or they must incur the heavy expense of preparation. Our boys are bread winners early in life, and subsequent heads of families. Our public school system presents the anomaly of utterly failing to provide for this large percentage of our boys. Manual training would meet a growing demand. Elsewhere it has been found to improve discipline, to strengthen the classical department, and to popularize schools by helping to prepare for practical life. I desire to see it adopted in our school."

Supt. E. Benjamin Andrews, of Chicago, in a recent lecture advocated the discontinuance of the use of flat maps, preferring the papier-mache relief maps to a certain extent. Geographies should teach something about transportation methods, transcontinental and transoceanic lines, also conditions governing the oceans, the currents beneath and climatic conditions. He would also have the geography of the United States taught not by maps showing boundaries of states, but such divisions as Pacific slope and the Mississippi valley.

A. C. Glover, member of the board of education of Port Henry, N. Y., introduced into the grades the daily reading of the "Civic Creed for the Boys and Girls of the Great Republic," which embodies the following:

"God hath made of one blood all nations of men, and we are his children, brothers and sisters all. We are citizens of these United States, and we believe our flag stands for self-sacrifice for the good of all the people. We

want, therefore, to be true citizens of our great country, and will show our love for her by our works. Our country does not ask us to die for her welfare only; she asks us to live for her, and so to live and so to act that her government may be pure, her officers honest, and every corner of her territory a place fit to grow the best men and women who shall rule over her."

Chicago, Ill. The various turner societies have petitioned for the enlargement of the physical culture department of the schools.

Menominee, Mich. A reading course has been added to the school curriculum. A certain number of books must be read in all the grades from the fifth to the senior year and the students will be required to pass examinations upon this work.

Milwaukee, Wis. The Wisconsin State Teachers' Association at its last convention adopted a resolution favoring an amendment to the statute relating to schools which shall make the teaching of the theory and art of teaching and school management a requirement upon the school in not more than one of its courses, but shall make the subject optional with the student for graduation. That when taught in the high school it should be taught with the elements of psychology as a basis and that with psychology it shall occupy at least twenty-four weeks in the school course.

Grand Rapids, Mich. Kindergartens are in all schools where application is made by forty residents of the district.

Minneapolis, Minn. Director M. Falk Gjertsen made an unsuccessful attempt to have the study of painting eliminated from the curriculum.

Detroit, Mich. Efforts are being made to have the German language taught in the graded schools.

Richmond, Va. Advancement of pupils is made without reference to proficiency in the music study.

Chicago, Ill. It is proposed to make a change in the present high school course. The plan contemplates the introduction of commercial studies in the curriculum. The new studies to include shorthand, stenography, bookkeeping, commercial law, and kindred subjects. A part of the plan is to permit pupils to elect such of these studies as they may desire to take up.

In order to teach children to be kind to the brute creation, Edward Everett Hale suggests that public schools should have pet animals, such as dogs, cats and rabbits.

Charles R. Skinner, state superintendent of public instruction, New York, in a recent address expressed the belief that the three R's with a knowledge of physiology and the elements of the United States history, gave the youth a pretty good start in the world.

Chicago, Ill. Presidents and delegates of twenty-two German turner societies, representing 8,000 turners, met and adopted resolutions protesting against the curtailment of the annual appropriation for the expenses incurred by teaching the following branches: German, physical culture, music, drawing and kindergarten, to overcome a financial stringency. The turners deem the aforesaid studies indispensable to modern education.

Creston, Ia. A petition has been presented to the board from the Christian Scientists asking that their children be not compelled to study physiology or zoology, as the teaching of these studies were contrary to their religious belief.

## Text-Book News.

After an intense struggle between the leading educational publishers before the Chicago board of education, a vote was reached adopting the Rand-McNally readers, the "Lights of Literature." This adoption is an important one, considering that readers form the largest percentage of school books and that Chicago is the largest city in the United States today, where books are definitely adopted for the schools. This series of readers was also recently adopted by the state of Washington. The educational department of Rand, McNally & Co. has been reorganized, and from the indications shown an aggressive policy will be pursued.

Rochester, N. Y. The reference books in the schools that have been selected contain works on geography, history, mathematics, biography, literature and nature study. Each school will be supplied with standard works on these subjects.

Chicago, Ill. The board of education's special committee on text books has reported that for the board to undertake the compilation and production of text books at the present time would not be practicable. The committee recommended that the board purchase all books needed in the schools, and to sell them to the pupils at the purchase price, with the cost of distribution added thereto.

Rochester, N. Y. The board arranged a series of lectures for the teachers on the new system of vertical writing adopted.

Battle Creek, Mich. The board has made a purchase of Wm. Beverly Harrison, Rogojin's history library.

Galesburg, Ill. The trades assembly has been investigating the text books that are used in the schools to ascertain what books are published by companies which are and which are not on the trades' union fair list.

The American Book Company brought suit in the United States Circuit Court against George B. Doan & Co., dealers in second-hand books. In many states a successful competitor for the adoption of text-books is compelled to accept in exchange the wornout books of the predecessor company. The American Book Company has had car loads of its second-hand books sold all over the country in this way, and these books, without the knowledge of the company, have been bought up by certain second-hand dealers, and, it is said, extensive infringements on the copyrighted cover design have resulted. The defendants in the present case are said to be the principal offenders in this particular. They were restrained by Judge Kohlsaat from disposing of any of the books of the complainant company now in their possession.

Evidence already gathered shows that twelve different classes of books printed by the American company have been rebound in imitation covers and sold as new books. The volumes include readers, geographies, arithmetics and spelling books, and were in use in the public schools of Texas and Tennessee for many years. Hundreds of thousands of the books printed by the American company were turned over to the competing publishers and sold to certain Chicago dealers.

Chicago, Ill. An exhaustive report on the method of selecting text-books in 100 of the leading cities of the United States has been submitted to the sub-committee on text-books of the Citizens' Educational Commission by James W. Thompson, of the University of Chicago. These conclusions are drawn by Mr. Thompson from information secured by the correspondence:

"Every city should at least provide text-books and stationery at cost to pupils.

"Every city might provide free books for poor pupils, proper precautions being taken to guard against imposition; or provide free text-books in the grade schools, relegating purchased books to the high schools.

"Prescribed books should not be changed without serious cause for a reasonable number of years."



PROF. A. S. DOWLING.  
President Department of Superintendence  
N. E. A.



EDW. E. BARTHELL, ESQ.  
Pres. Dept. School Administration.  
Nashville, Tenn.



DR. W. A. HUNT,  
Who will speak on "The Relation of School Board and  
Teachers."



WM. GEO. BRUCE,  
Sec'y Department of School  
Administration.

HON. HOKE SMITH,  
who will address the  
department.

# Teachers' Salaries.

Boston, Mass. The sixty-third report of the state board of education shows the average pay of the male teachers per month last year to have been \$136.23 a decrease of \$1.27, while the women teachers received \$51.41 a decrease of three cents.

Philadelphia, Pa. The following schedule of salaries of teachers in the summer schools was adopted: Supervisor, \$150; Principal, \$120; assistant teachers having three years' experience, \$90; assistants with less than three years' experience, \$80; for the six weeks the school will be open, respectively.

Binghamton, N. Y. The average salary paid each teacher in all the schools, including the high school, and all the principals, during the years '95-'96 was \$464.24, and the average salary paid during the year '98-'99 was \$475.23, making an increase of \$10.99 in the average salary of each teacher employed.

Port Huron, Mich. The superintendent's salary \$1,800.

Pittston, Pa. The teachers went on a strike. There was five months' salary due them and they resolved not to teach until they received their pay.

Ellsworth, Me. The following paragraph is from the superintendent's report to the board of education:

We have lost four good teachers during the past year, because other schools have placed a higher value on their services than we could pay, on account of lack of funds. It is right that we should give our young teachers a chance to become experienced teachers, but after we have been to the expense of training up a successful teacher, it is not right we should let that teacher go for the benefit of some other town for the extra salary of one, two or even three dollars a week, and begin to educate another inexperienced teacher who will go the same way as soon as her services will command better salary. We are simply maintaining a training school for teachers for other towns, without any compensation to ourselves, and in the long run, 'the game does not pay for the candle.'

Chicago, Ill. Mayor Harrison is not in favor of cutting salaries of the school teachers and other employes in order to meet the deficit in the school fund for the present year.

"If any cut is to be made, cut out the high schools," said the mayor, when discussing the financial troubles of the board of education. "The common schools are needed, the high schools are not, unless the taxpayers pay for them. Cut out special studies and cut out the high schools if necessary. I do not think, however, that extreme measures need be adopted."

Brillion, Wis. Superintendent Leighton, of Calumet County, in his annual report for last year shows that the average monthly wages paid to male teachers in the county was \$44 and to females, \$30.

Rochester, N. Y. The average of annual salaries for teachers in this city amounts to \$496. The rate includes compensation of principals, high school and special teachers. Male principals average \$1,650 per annum; female principals \$873.

Troy, N. J. Superintendent of schools \$2,300.

Hastings, Minn. Superintendent \$1,150 per year.

Carlyle, Ill. Superintendent \$1,100 per annum.

Cedarville, O. The salaries of teachers are based upon experience, increasing year by year.

Louisville, Ky. Superintendent \$3,500 per year.

Omaha, Neb. The Central Labor union has passed resolutions calling upon the board of education for the payment of better salaries to teachers in the lower grades.

Toledo, O. Superintendent Chalmers has been made happy by the unanimous action of the board in fixing his salary at \$4,000 per year, an advance of \$500 over what it has been in the past.

Bridgeport, O. The salary of the primary teachers has been raised from \$40 to \$42.50 per month, and of the Ward principals and high school teachers an average of \$5 per month.

Winona, Minn. Salary of superintendent fixed at \$2,000 per month.

Creston, Ia. The pay of principals and teachers increased from \$5 to \$15 per month.

St. Joseph, Mo. The salary of the board's secretary increased from \$1,800 to \$2,000 per year.

Louisville, Ky. The salaries of janitors are based upon the number of square feet in buildings, counting-rooms, halls, offices, and stairways, allowing a room for every 750 feet of floor surface and pay only for rooms in use.

The following is the schedule by the month: For first room, \$10.00; for next five rooms, each \$5.00; for next six rooms, each \$3.00; for next additional room, \$2.50.

Grayville, Ill. The salary to be paid the superintendent next year was cut to \$80 per month.

Rock Island, Ill. Supervisor of drawing, \$720 a year.; supervisor of music, \$720.

Dallas, Tex. The following shows what is paid to the teaching force:

Superintendent \$200 per month, \$2,400 per annum.

Principals—One at \$166.66, \$1,500; 3 at \$110, \$2,970; 4 at \$100, \$3,600; 1 at \$85, \$765; 1 at \$80, \$720.

Supervisors—Penmanship and drawing: One at \$110, \$990; music, 1 at \$100, \$900.

High school teachers—Three at \$100, \$2,70; 2 at \$90, \$1,620; 2 at \$75, \$1,350.

Grade teachers—Sixty-one at \$65, \$35,685; 4 at \$60, \$2,160; 2 at \$55, \$990; 6 at \$50, \$2,700; 8 at \$15, \$1,080.

Colored schools—Principals: One at \$85, \$765; 1 at \$75, \$675; 2 at \$70, \$1,260; 1 at \$65, \$585.

Grade teachers—One at \$55, \$495; 16 at \$50, \$7,200; 1 at \$45, \$405; 1 at \$35, \$315; 1 at \$15, \$135.

Hudson, N. Y. The superintendent's salary fixed at \$1,600 a year.

New York, N. Y. The city comptroller has stated that teachers who are dead have been carried on the pay rolls for many months.

Philadelphia, Pa. The truant officers are paid \$2 per day. The board is confronted with the question whether or not to pay these officers during vacation. A physical culture teacher to be appointed is to receive \$1,200 a year.

Albion, Neb. Salaries of grade teachers fixed at \$45 per month and in the high school at \$50.

Horton, Kan. The board has reduced the salary of the superintendent from \$1,200 to \$1,080 per year. The teachers also suffer a reduction.



JAMES M. BROCK,  
Pres. Board of Education,  
Aledo, Ill.



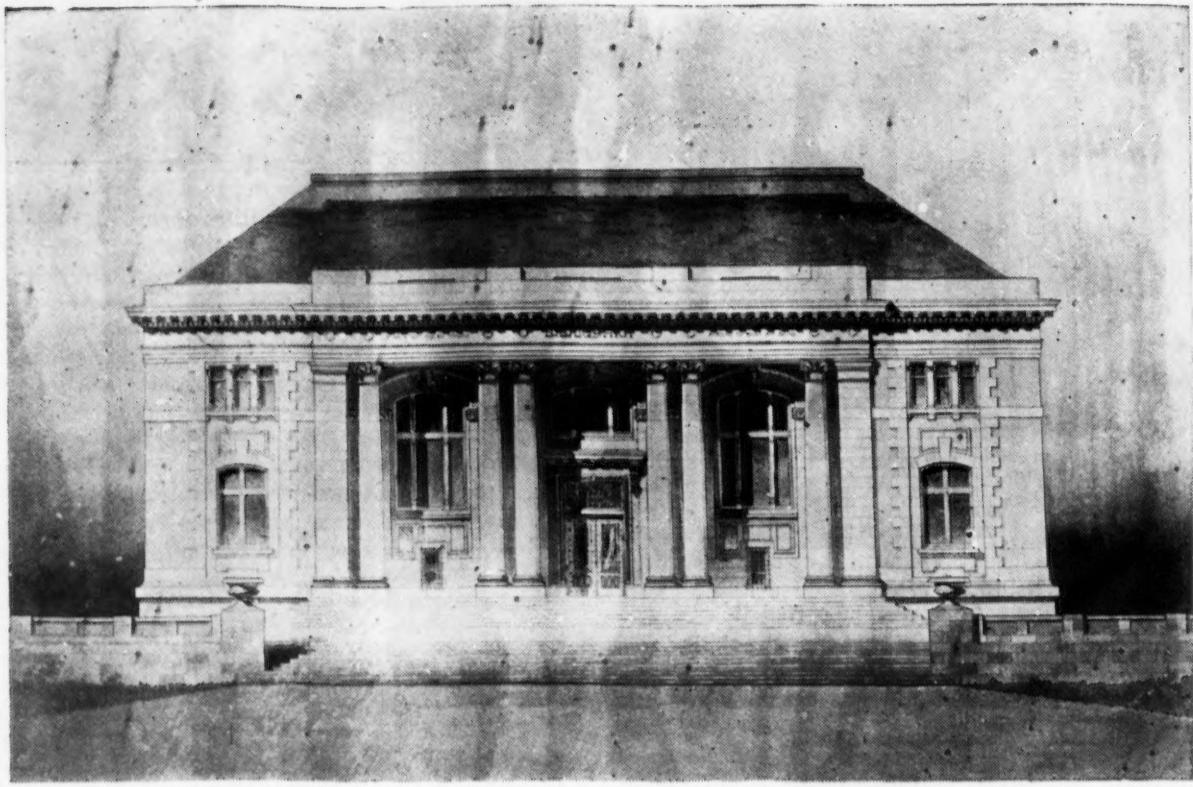
N. P. LARRABEE,  
Pres. Board of Education,  
Chippewa Falls, Wis.



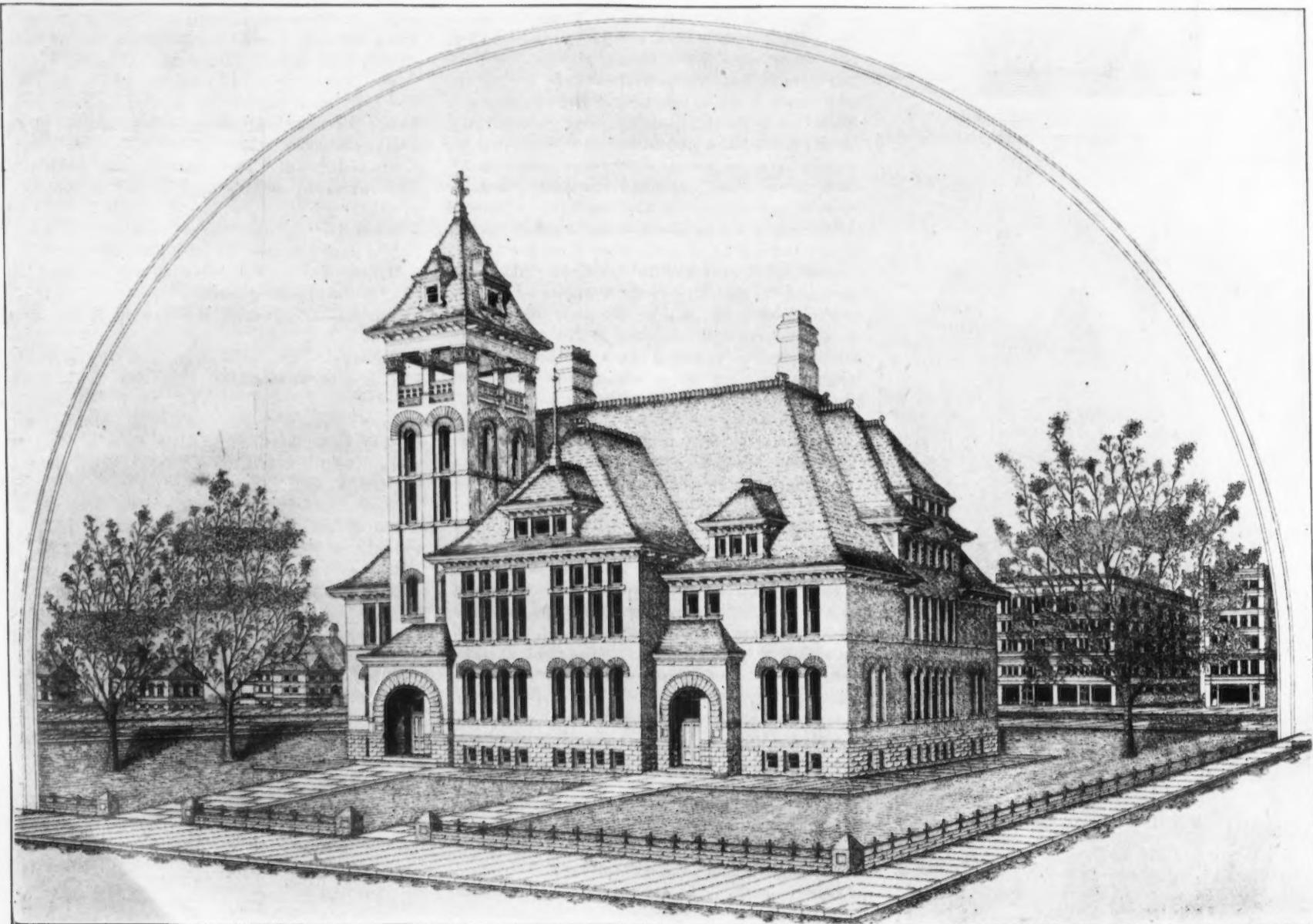
ED. BALDWIN,  
Pres. Board of Education,  
Weston, O.



DR. F. W. COOK,  
Pres. Board of Education,  
Hutchinson, Kan.



BATES COLLEGE LIBRARY, LEWISTON, ME. COST \$40,000.  
(FROM THE ARCHITECT'S DRAWING.)



DESIGN FOR HIGH SCHOOL.

W. B. PARSONS & SON CO., SCHOOL HOUSE ARCHITECTS, DES MOINES, IA.

This is purely a High School design, to accommodate 250 pupils at single desks in one study room, with ample facilities in every particular for doing a full line of High School work, with general office for the City Superintendent.

## Supplies and Equipment.

The Central School Supply House has sent out notice that it has sold that part of its business known as the science department, with its good will, patents, machinery, patterns, etc., to the Central Scientific Co., 59 and 61 South Canal street, Chicago. It is the purpose of the Central School Supply House to give an old and faithful employe, Mr. Charles A. Bengston, an interest in the business, and for this reason a new company is formed. The ownership of the scientific business does not change only in so far as Mr. Bengston becomes an interested party. The same diligence, integrity and responsibility remains with the business. The firm's customers will not be dealing with new parties. The directors and officers of the Central School Supply House will give the new firm their support and co-operation, and assures the patrons that the business will have the same diligent, painstaking attention which has characterized it heretofore. Mr. Bengston becomes the secretary and manager, and we are sure that he will carry with him to the new firm the same habits of accuracy, promptness and faithfulness which characterized his work for many years.

The Century Seating Co. has been organized at Chicago with the following officers: President, John T. Donahue; vice-president, J. M. Erpelding; treasurer, George B. Erpelding; secretary, John McKearnan. The office and factory are located at 474 to 498 West Twenty-first place, near Throop street. Mr. McKearnan was formerly connected with Donahue & Henneberry, and later with the Caxton Co.

Cambridge, O. A Smith-Premier typewriter has been purchased by the board of education.

Emerald green blackboards have received the approval of many educators as against the black blackboards. O. C. Clark & Co., of Cleveland, O., are now manufacturing and selling the emerald blackboards to the schools. They take any color of crayon, clear, clean and distinct. It is claimed for the new blackboard that they have a restful effect upon the eye. Mr. Clark, the head of the firm, is an old school supply man whose experience covers many years.

Little Rock, Ark. The firm of John F. Cox & Co. has been organized in this city to furnish school desks and other school supplies in Arkansas.

Chicago, Ill. A supply of seats and desks purchased from the A. H. Andrews Co.

Grand Rapids, Mich. Needed school desks purchased from the Haney School Furniture Co.

The Northwest School Furniture Co. has become the successor to the firm of C. F. Weber & Co., of Portland, Ore. Its headquarters are located at 291 Yamhill street. The new company also has headquarters at Helena, Mont.

Delaware, O. Four Smith-Premier machines have been added to the equipment of Ohio Wesleyan university.

The articles comprising the Holden system for preserving books, consisting of book covers, transparent paper and self-binders, having stood the severest tests for nineteen years, are now meeting with a just reward, through a rapidly increasing business.

"The Evolution of School Pencils" is the title of an article in Graphite published by the Dixon Crucible Co. It draws a comparison between the old-time pencil, which lacked the proper ingredients that go to make a serviceable pencil, and the modern article. The latter has been so vastly improved that a comparison reveals a wonderful difference. Not only have the prices been reduced so as to bring pencils within the reach of all school systems, but the degrees of hardness from soft to hard are uniform in quality and neat in workmanship.

Washington, D. C. The board of education has purchased a Smith-Premier typewriter.

Chapman Bros. & Co., 900 to 904 Fourth avenue, Seattle, Wash., are manufacturers of school furniture and supplies.

It is not surprising that the Holden Patent Book Cover Co., of Springfield, Mass., report a large business this year. Their orders for May, 1900, were more than double what they were in May, 1899. A remarkable testimonial from a large city in New Jersey has been received by the above firm, stating that after a trial of 1,000 Holden covers, they were able to reduce the annual appropriation for text books from \$2,500 down to \$1,600 through the advantages gained by using the articles manufactured by the Holden Patent Book Cover Co. This year the above city will order five times as many covers and repairing material as last year.

The Alfred L. Robbins Co., of Chicago, has changed its name to the Alfred L. Robbins-Martin Co. The accession to the company is Edward P. Martin, who has been the manager for some years. He will be the secretary and treasurer of the new company. Mr. Martin came, some years ago, from Cincinnati. He engaged with Mr. Robbins and has been the active spirit in the business ever since. He is a man of energy and force and directs the affairs of the company with judgment and care. Mr. Robbins does considerable traveling in the interest of the company.

Rutland, Vt. General school supplies purchased from the Vermont School Supply Co. and the J. L. Hammett Co.; apparatus for the high school science department from L. E. Knott Apparatus Co.

Rock Island, Ill. Drawing material procured from the Prang Educational Co.

Port Jervis, N. Y. A supply of paper purchased from J. M. Oleott & Co.

Racine, Wis. An order for school supplies given to the Central School Supply Co.; typewriter supplies purchased from the Smith-Premier Typewriter Co.

Philadelphia, Pa. Messrs. Rudolph & Sons have contracted with the board of education for supplying the schools with Manila drawing paper.

Battle Creek, Mich. The board has ordered certain supplies from the Bausch & Lomb Optical Co.; an order for slate pencils was given to Atkinson & Mentzer.

Cleveland, O. A No. 4 Smith-Premier ma-

chine has been purchased for use in the Cleveland manual training school.

Grand Rapids, Mich. The board of education awarded a binding contract to Ihling Bros. & Everard.

The schools at Havana, Cuba, have used so far 175,000 of the Coles germ-proof slates, and in the last three months more than 300,000 of these slates have been sold to school boards in this country. The Coles Slate and Blackboard Co., of New York, not only makes these slates up in frames, but also in leaflet and book form.

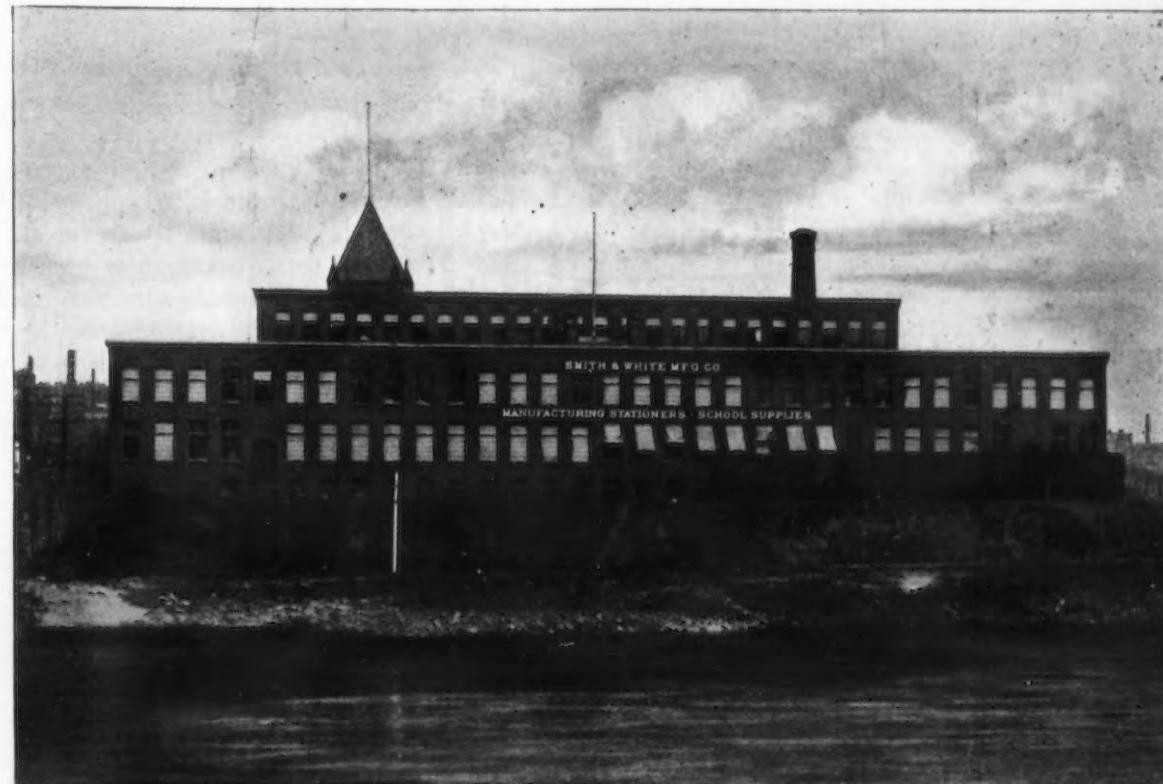
In their usual thorough and comprehensive manner, Hammacher, Schlemmer & Co., the New York tool and supply house, have just issued a very complete catalogue of manual training tools and benches.

It contains 110 pages of matter devoted exclusively to this subject and is a veritable text book of information for those seeking "points" as to how and with what to equip a school for this work. Copies are sent gratis, upon request.

The very fact that a concern as large as this finds it advisable to issue a 110-page catalogue, devoted exclusively to manual training tools and benches, is evidence of their earnestness in the general promotion of the work, and a house established in 1848, and dealing ever since in tools for all trades, and having made a special study of manual training tool requirements, should be in position to supply the best and latest.

The factory of the Smith & White Manufacturing Co., whose name is known among the school people throughout the United States, is located on the west side of the Connecticut river at Holyoke, Mass. The plant is close to the Boston & Maine railroad, so that passengers coming into Holyoke, by train from Springfield, crossing the bridge, can see the factory as it is shown in the illustration on this page. Trains stop at Riverside, which is practically the "Smith & White crossing." The company loads direct from its plant on cars on the New York, New Haven & Hartford and the Boston & Maine roads. The success of the enterprise is largely due to the fact that the company has closely studied the wants of the school public and has met them in the most complete manner.

Grand Rapids, Mich. Needed school supplies purchased from the School and Office Supply Co.; science apparatus from A. L. Robbins-Martin Co.



FACTORY AND HOME OFFICES OF SMITH & WHITE MFG. COMPANY.  
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# THE AMERICAN School Board Journal

DEVOTED TO

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## GREETING TO THE N. E. A.

We extend a hearty welcome to the members of boards of education who will attend the meeting of the Department of School Administration at Charleston, S. C. The papers and discussions, we trust, will aid materially in throwing light upon the many important questions in school management, and thus repay all those who have taken the trouble to attend. Our next number will contain a complete report of the meeting.

## VACATION SCHOOL BOARD DUTIES.

The closing of the schools during the summer months is by no means an indication that the board of education has temporarily gone out of business. In fact, some things cannot be done so well at any other time during the year than they can be done during the summer months. The months of July and August should be considered the most important months in the year in the way of attention to the practical affairs of school management.

At the fall opening of schools there should be no interruptions or delays in proceeding with the ordinary course of school work. Books, school desks, school supplies, repairs, etc., should be provided during the summer months.

One of the chief complaints arises from the fact that the school board has also taken a vacation during the summer months. The September opening of the schools reveals the many things that have been left undone.

Repairs and renovations are best undertaken during a season of the year when the schools are empty and the weather is most likely to be favorable.

Text book changes should be made during the vacation months rather than during the middle of a school term.

A change in the school seating can be made with greater expediency in the month of August than in the month of October.

A heating and ventilating apparatus can better be remodeled or repaired in the month of July than it can in the month of January.

Every progressive school official should inquire closely into the needs of the school houses. Principals and janitors should report all needed repairs. The school board member should visit the schools and examine the equipment for himself.

Personal inspection will determine more readily the deficiencies than any other method possibly can.

## CRITICIZING BOOKMEN.

President Graham H. Harris, of the Chicago board of education, recently delivered himself of a severe criticism on the representatives of educational publishing houses. He designated them as "pests" who should not be permitted to talk to members outside of a committee room on penalty of having their books excluded from consideration. State Supt. Hammond of Michigan was equally harsh last year in passing judgment upon bookmen.

It seems to us that charges of this kind are unjust and unfair. They are apparently made without a true appreciation of the bookman and his mission. We are all apt to press our interests, whether we are engaged in business or professional pursuits. This is an age of progress, an age of competition, of enterprise, of energy, of labor. Every known commodity is placed in the market. Its sale is not only announced, but vigorously urged and promoted. Men are sent into the highways and byways to sell goods. Selling goods becomes their vocation. It is their bread and butter.

But not only is the common business mortal obliged to urge his case. The professional man is apt to become a promoter. His calling has a business side—that side which furthers his material welfare.

The teacher who seeks an appointment or promotion or increased salary must push his claims. The superintendent does the same. Both teacher and superintendent may bore the appointing powers, yet the latter are in duty bound to give applicants a patient hearing.

President Harris, of the Chicago board of education, who is a lawyer, may or may not tire judges in the pursuit of his profession; he may or may not harass juries, witnesses, etc. If he is obliged at times to make himself obnoxious to certain people in order to preserve and promote the interests of his client, he is not the only lawyer so conditioned. In fact, loyalty to his client will compel him frequently to make himself quite disagreeable to the opposing counsel and litigants.

The candidate for state superintendent is not always wafted into office by summer breezes. Who knows whether or not his efforts for nomination or for election displease, inconvenience or harass others. He urges his claims, legitimately, to be sure; he and his friends must convince the governing powers that these claims are worthy of recognition. What superintendent or school board president can say that he has never bored anybody? Willingly! certainly not. Neither does the bookman tire or annoy any one willingly or unwillingly.

He is employed to promote the sale of his employer's goods. In order to accomplish what his house pays him for, he must exploit the merits of these goods, and by argument and persuasion effect their sale. Is not this legitimate? Would any merchant ask or expect less of his salesmen?

In discussing this subject we are reminded of a merchant, we once knew, who held a position as member of a school board. He was a busy man and had an aversion to bookmen

and always ordered them from his office in a brutal manner.

One day one of the scholarly knights of the road called upon him at his office, only to meet with the usual gruff reception. But the text book knight would not budge and concluded to make himself comfortable and at the same time secure a hearing.

"Didn't I tell you to leave my office?" roared the merchant.

"You did," quietly answered the bookman. "But you needn't ruffle your temper in ordering me out. I will go when I get through. I have simply come to ask a civil question. Some one told me that you were an old bear who ought to be ridden out of town on a rail fence. Now, I believe that you are not half as bad as you are painted. And what is more, I believe you will give me a civil answer to any fair question I may ask."

"Who said I was a bear?" grunted the merchant. "And what is your question?"

"Never mind the bear part," replied the agent. "My question is this: Do you employ traveling salesmen?"

"I do—but I don't see how that can concern you, or any one else."

"No; but don't you think that if any one of your men were as easily scared as you expected to scare me—you would keep them on your pay roll very long?"

The merchant grew thoughtful, gave the visitor a look and settled down to give him a hearing—and what is more, finally gave him the desired support.

The whole question, over which impatient school officials grow so needlessly frantic, resolves itself to this: Should a school official listen to bookmen?

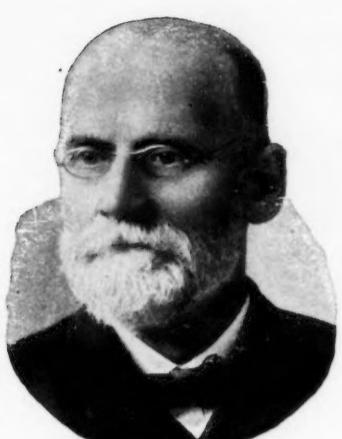
Our answer is decidedly in the affirmative. Any one having an article to sell to a school system, for which the school system is a prospective customer, is entitled to attention. The school official is, by virtue of his office, in duty bound to grant a respectful hearing if his school system is in the market for goods. If he contemplated a purchase for his own use he would most certainly take time to examine the goods, ascertain prices, etc. As the representative of the school system, he must be equally ready to investigate. The merits of a book cannot always be fully exploited in a ten-minute talk before a committee. A personal audience, while not absolutely necessary, is much more satisfactory, as it will elicit more information regarding the relative merits or demerits of books than could possibly be secured at a formal committee meeting.

In large cities, where text book adoptions and the purchase of supplies becomes an important commercial factor, the pressure may become intense. President Harris may be overtaxed with official duties; school book agents may tumble over one another in getting at his ear; life may become a burden, etc. But these annoyances are not so much chargeable to bookmen as they are to the fact that Chicago is a large city. President Harris as a lawyer, no doubt, is familiar with the principle that the law compels no man to accept a position as school board member. An accept-

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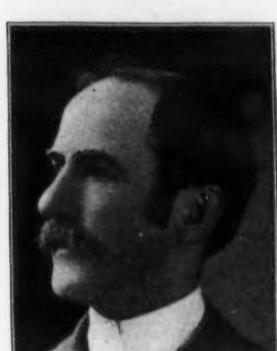
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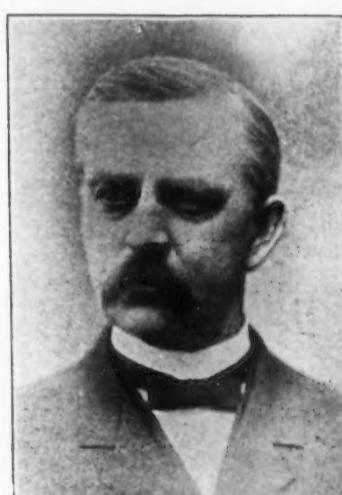
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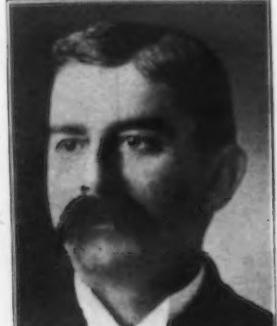
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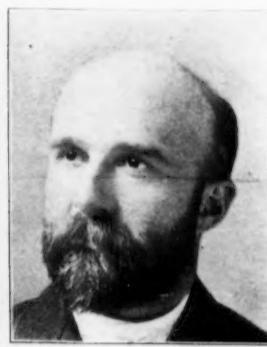
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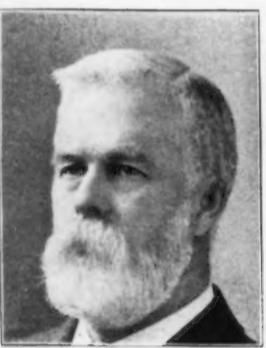
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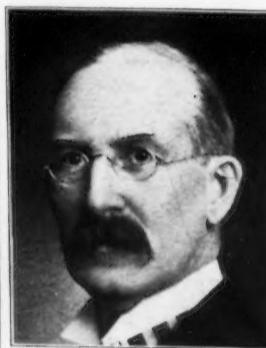
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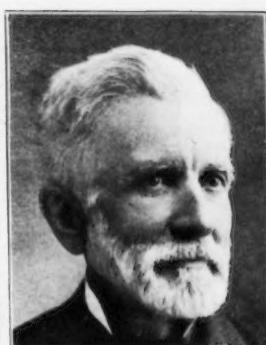


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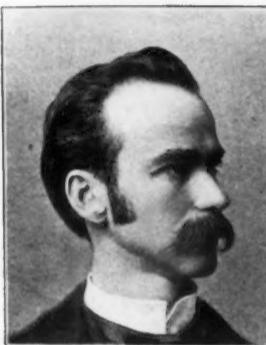
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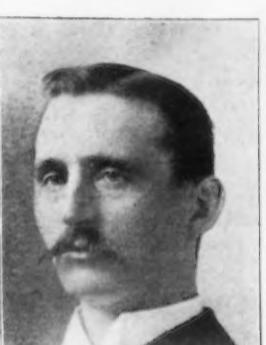
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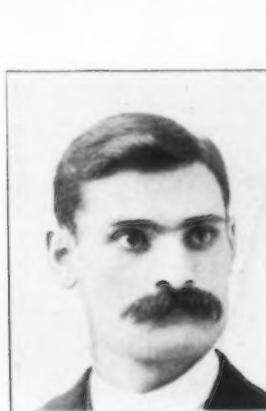
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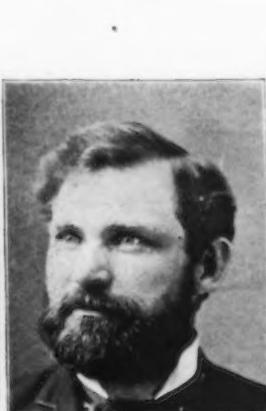
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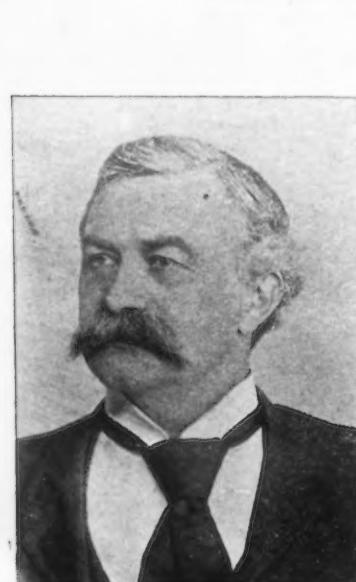
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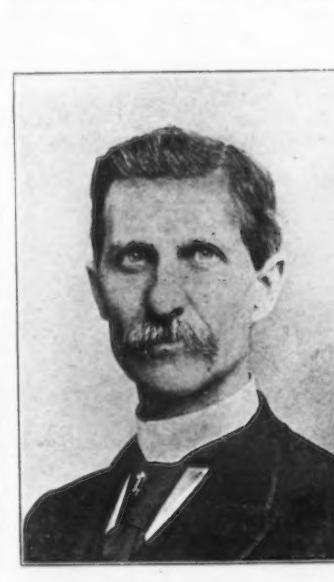
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PROMINENT SOUTHERN SCHOOL OFFICIALS AND N. E. A. OFFICERS.

ance implies the ready performance of unpleasant, as well as of pleasant duties. And he who may be unwilling to bear the burdens of office must not accept office.

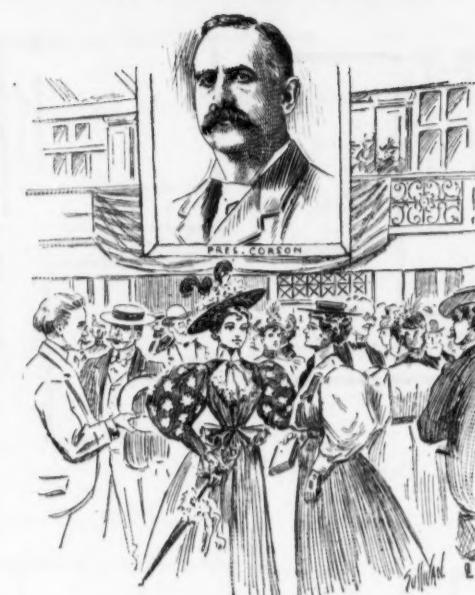
Bookmen have their distinctive uses, and if we eliminate the few instances when they give annoyance, we will find them companionable, serviceable and educational servants of a desirable type. The modern text book is a reflex of the best educational thought. The bookman is the medium that carries the thought into action. In the best sense he is the advance agent of educational progress.

#### COMMERCIAL EDUCATION.

A special business education section will be added in the next session of the New York Teachers' Association. The section will be addressed by the Hon. Miles M. O'Brien, president board of education, New York. Papers will be read by Mr. I. O. Crissy, inspector of business education, on "The Present and Future of Business Education," Mr. E. M. Williams, head of the commercial department of the mixed high school, New York, will lead with the discussion, "The Need and Scope of Commercial Education in Secondary Schools." He will be followed by Mr. C. C. Gaines, of Poughkeepsie, Mr. Beverly A. Smith, of New York, and others.

This is a movement in the right direction. The great crying need is an awakening on the part of public school officials, superintendents, principals and other teachers as to the *usefulness* of the commercial branches as educational mediums. The old idea was that these branches should be studied only by those who expected to become bookkeepers. Their educational value from the standpoint of mental discipline and culture has always been depreciated by teachers.

"A realization of this under-estimate of the educational value of what are termed the commercial branches," recently said Prof. H. M. Rowe, a leading author on commercial text books, "is the one thing that should be made clear in the minds of the teaching public. There is no branch in the curriculum of the high school that will, in a given time, broaden and develop the reasoning and analytical



At the Charleston N. E. A. Meeting.

powers of the mind to a greater extent than the subject of bookkeeping. Now add to this the practical value of an accurate and essentially actual experience in the use of all the ordinary business papers, their execution and transfer, their record in books of account, the keeping and adjustment of accounts of all kinds and descriptions, the accompanying insight into the relations of values and the exchanges of commodities, to say nothing of the extensive and searching drills in all sorts of commercial calculations, and we have something of a correct estimate of the subject as a branch of instruction in our public schools."

The end of all education has been said to be the happiness of the individual. What can so much tend to this happiness as to offer the young people of the country that kind of education which will not only give them the benefit of trained minds and cultured intellects, but will also enable them to better and more surely earn their daily bread and maintain their position with credit as citizens and members of society?

#### ONE MAN POWER IN DISFAVOR.

The one-man power movement in school administration has received a decided check in the appointment of Edwin G. Cooley as superintendent of the Chicago schools. Mr. Cooley has not been in sympathy with the movement

that is designed to relegate the school board to a mere clerical bureau and elevate the superintendent to monarchial powers. He regards the school board in the light of a legislative as well as executive body, which must have the final voice in all the important affairs of a school system.

"What is your opinion of 'one-man power' in the schools?" the new superintendent was asked.

"I believe that the duty of the superintendent is to make recommendations and to have the board act on them," was the response. "I am not a believer in 'one-man power' in any sense of the word. The board should exercise its proper functions, and I think the members ought to co-operate with the superintendent in making the schools what they ought properly to be—the best in the country."

Col. Chas. W. Johnson, who served as secretary of the Republican National Convention, at Philadelphia last month, is a bookman. He has for some years represented Silver, Burdett & Company. For some years he was in the West. During the past three years he has been active in the Eastern field. Col. Johnson has served in the capacity of secretary in the national conventions of his party several times. He is looked upon as an ideal man for such position.

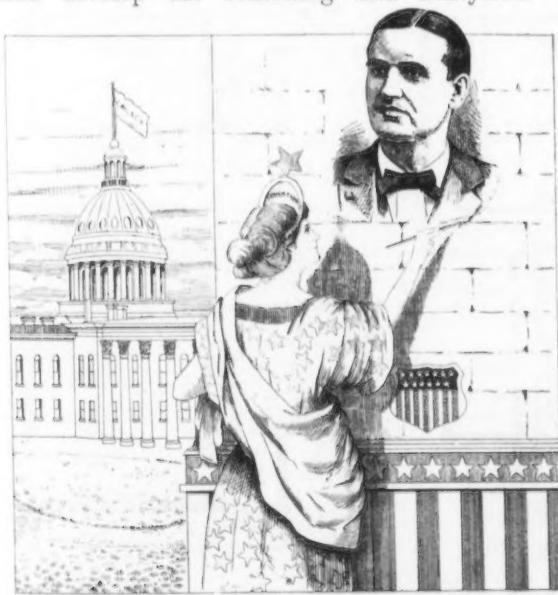
The Columbia Book Company, Philadelphia, has removed its offices and stock from its former quarters to 116 North Twelfth street. Wm. Linn continues as the manager of the Company.

Chicago, Ill. A plan whereby the different schools shall be connected by telephone with each other and with the office of the superintendent and the business offices of the board of education is proposed. By having telephonic connection it is expected that many faults and inconveniences now existing can be corrected.

Chandler & Barber have removed to 122-126 Sumner street, Boston, where they have a large and well lighted store.

Pittsburg, Pa. The Turner system of gymnastics is in vogue in several of the schools. It is proposed to introduce the system into all the schools as a regular branch of the studies.

Saginaw, Mich. A German Teachers' Association has been formed here. During the past two or three years the work in the German department of the schools has been considerably improved and the formation of this association is to still further advance its results.



Prof. E. G. Cooley has been chosen Superintendent of Schools at Chicago to succeed E. B. Andrews.

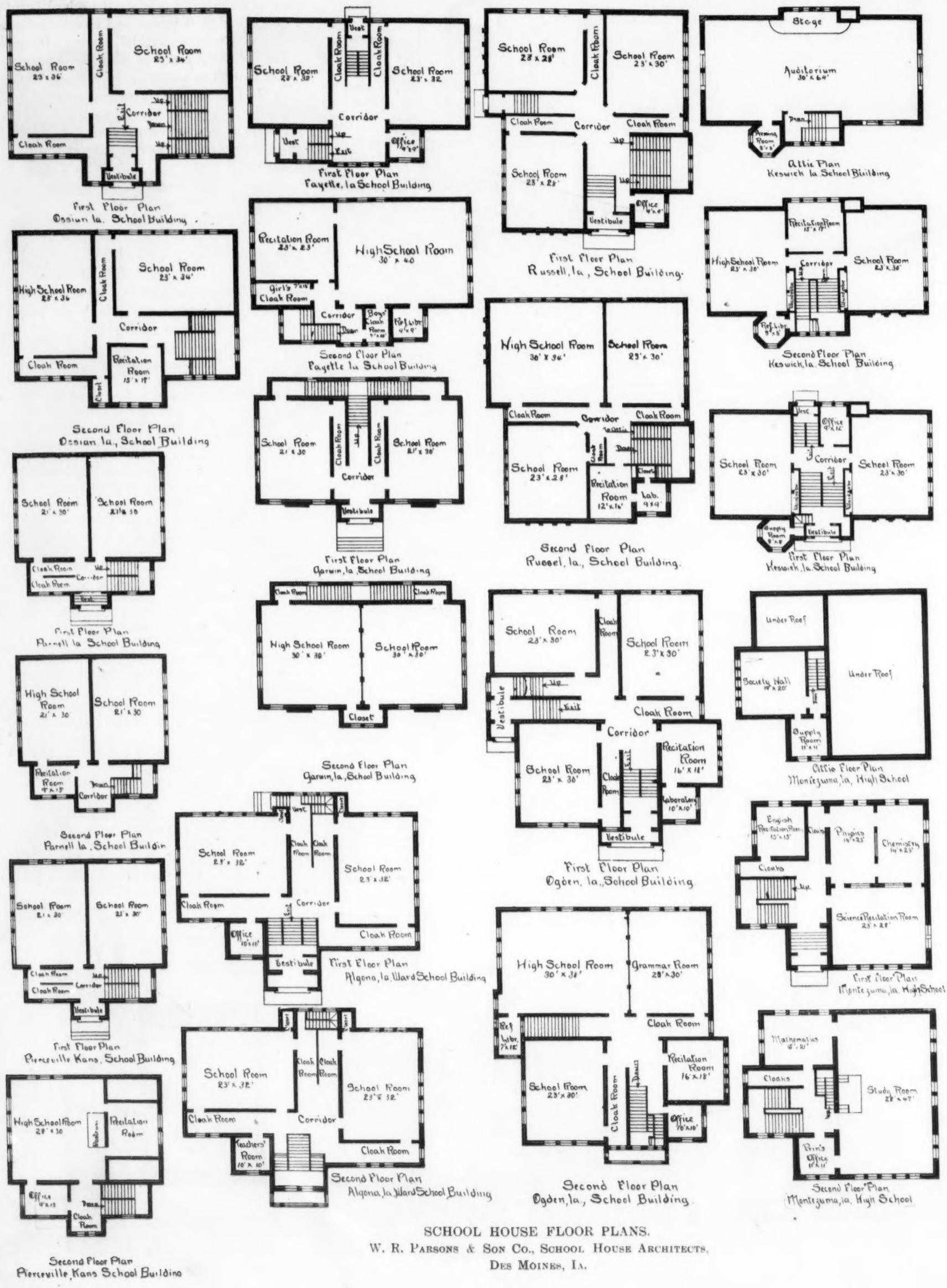


Investigations as to the physical conditions of pupils made in Chicago.



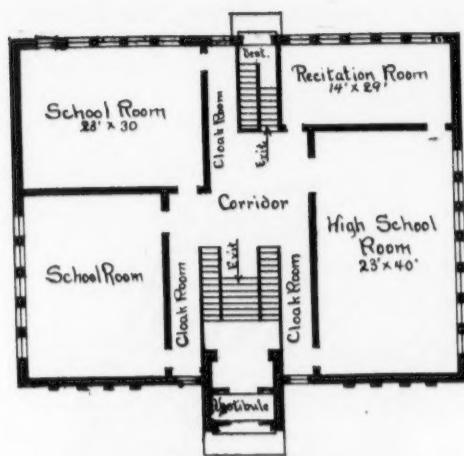
The veteran educator expresses an opinion.

# School Board Journal

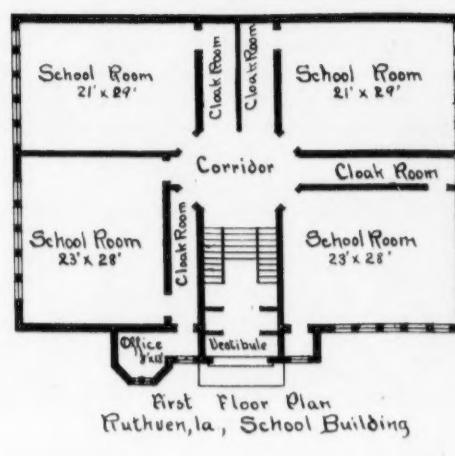


SCHOOL HOUSE FLOOR PLANS.

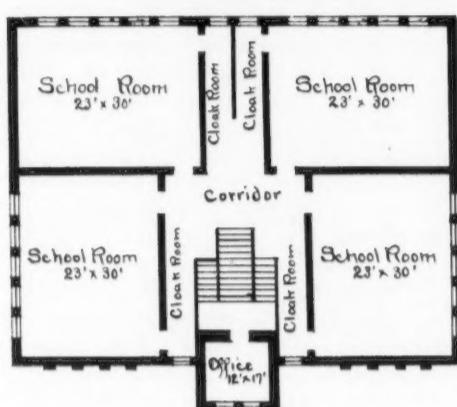
W. R. PARSONS & SON CO., SCHOOL HOUSE ARCHITECTS,  
DES MOINES, IA.



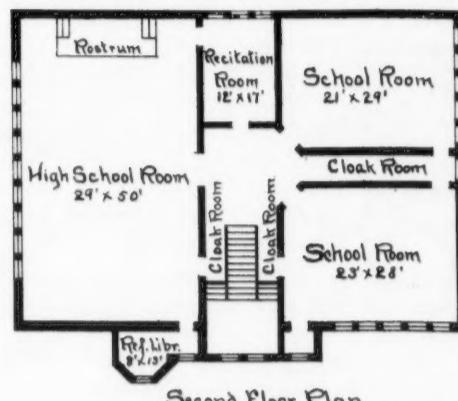
First Floor Plan  
Paulinonia, Ia., School Building



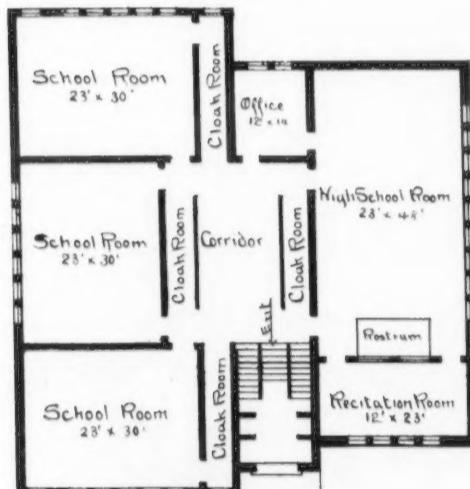
First Floor Plan  
Ruthven, Ia., School Building



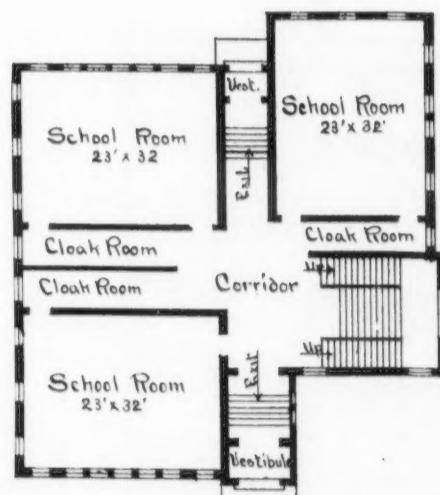
Second Floor Plan  
Paulinonia, Ia., School Building



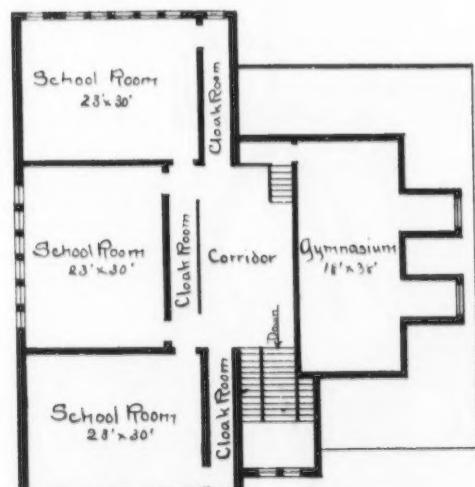
Second Floor Plan  
Ruthven, Ia., School Building



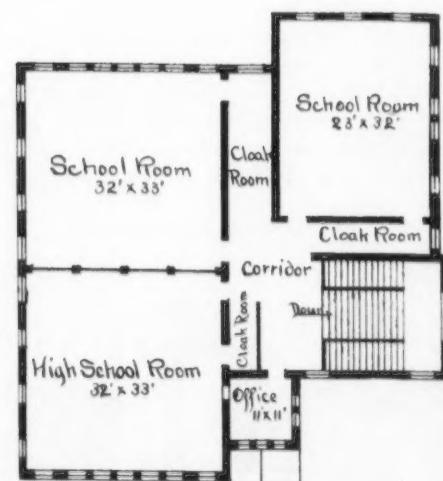
First Floor Plan  
Buffalo Center, Ia., School Building



First Floor Plan  
Meade Center, Kans., School Building



Second Floor Plan  
Buffalo Center, Ia., School Building

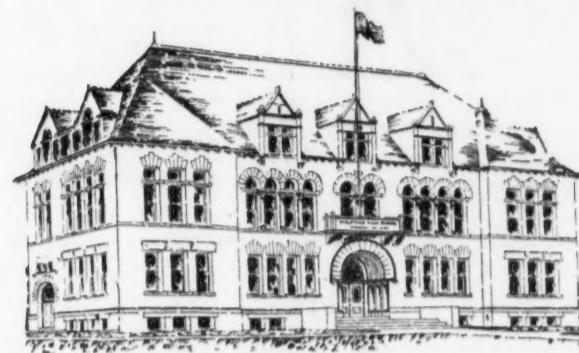


Second Floor Plan  
Meade Center, Kans., School Building

FLOOR PLANS.  
W. R. PARSONS & SON CO., SCHOOL HOUSE ARCHITECTS,  
DES MOINES, IA.



NEW GRIDLEY BRYANT SCHOOL, QUINCY, MASS.



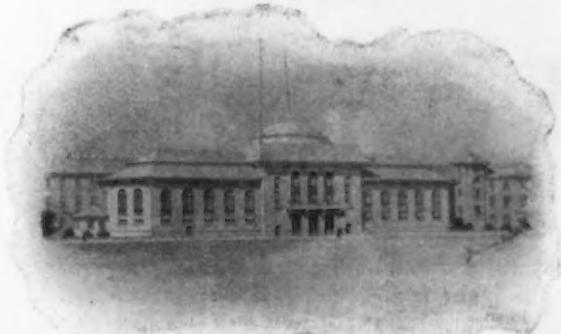
NEW HIGH SCHOOL, MILFORD MASS.  
Cost \$60,000.  
Walter Parkhurst, Arch't, Boston, Mass.



NEW SCHOOL HOUSE FOR BUCKLAND, MASS.  
W. B. Reed, Architect, Holyoke, Mass.



NEW SCHOOL, OYSTER BAY, N. Y.  
Karr, Pool & Lum, Arch'ts, New York.

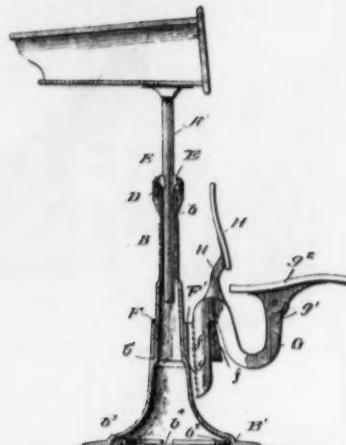


CHICAGO INSTITUTE, ACADEMIC AND PEDAGOGIC.  
Col. Francis W. Parker, Principal, Chicago, Ill.

## School Board Journal

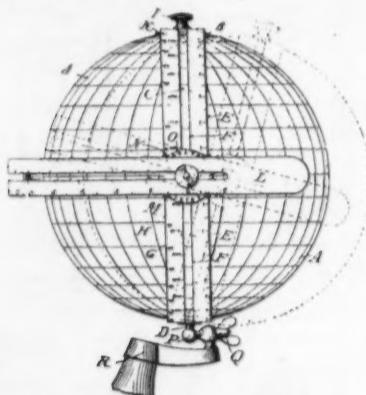
### Patents Granted.

DESK AND SEAT. Victor Berford, Tara, Canada.



A combined adjustable desk and seat, comprising a tubular standard; a desk provided with a supporting-rod adapted to be adjustably sleeved within said tubular standard; means for locking said rod in its adjusted position; a shoulder formed on said tubular standard; a bearing arranged above said shoulder; a seat-support loosely sleeved about said bearing; a recessed lug integral with said seat-support, and having upwardly-inclined serrations upon its inner face; a seat-bracket having at its inner end a depending arm, and provided with downwardly-inclined serrations adapted to engage with the serrations of said lug, and a seat portion pivoted to the outer end of said seat-bracket.

GLOBE AND FIXTURE THEREFOR. George L. Houghton, Woodstock, Minn.



In combination with a globe, a meridian-circle having a longitudinal slot extending from pole to pole of said globe and provided with scales of latitude and distances, a flexible quadrant-rule having graduated scales marked and adjustably mounted thereon, a slotted meridian-circle, the globe-axis passing through the slot in said meridian-circle, and a thumb-nut on the end of said axis and adapted to clamp said meridian-circle in variously-adjustable positions, a meridian-circle adjustably mounted on the said meridian-circle.

ARITHMETICAL SLATE. Harry C. Seiler, Milton, Pa., assignor to the Mount Holly Stationery and Printing Co., Mount Holly Springs, Pa.



An apparatus substantially as described, comprising the main frame, the slate therein provided with sight-openings spaced apart, the intermediate bar secured to the main frame and crossing the slate between its sight-openings and

provided with a slate-surface for the arithmetical marks such as + (plus) and — (minus), the bearing-bars extended across the main frame in rear of the slate and spaced apart from said slate, such bearing-bars being arranged in lines on opposite sides of the intermediate front bar, the disks lying between the slate and their respective bearing-bars and having their shafts supported in said slate and bars, the pulleys in connection with said disks, the disks being arranged to be seen at points near their peripheries through their respective sight-openings, the drive-shafts having pulleys and operating-handles, and gearing connecting said pulleys with the pulleys of their respective disks.

CHART-DRAWING INSTRUMENT. Eli N. Moyer, Toronto, Canada.

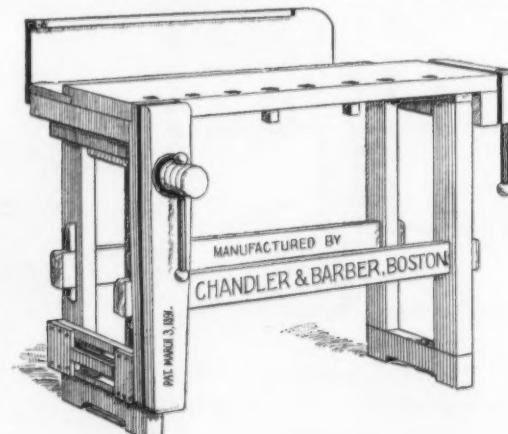
An arm for chronological-chart-drawing instruments having a pivot-point at one end in line with one side edge thereof, a series of divisions *g* radiating from said pivot-point; and extending one beyond the other along both side edges of said arm and offset from one another, the radial divisions at one side edge being of greater length than the division at the other side edge and a series of equal divisions concentric of said pivot-point and subdividing correspondingly said radial divisions.

FOLDING BOOKCASE. Martin P. Carico, Ursus, Va.



A folding case comprising a base, a plurality of sections removably connected with the base and with each other, a top adapted for connection with each of the sections, moldings hinged to the top, and corner-blocks removably connected with the top and having slots in which the adjacent ends of said moldings are removably seated.

This illustration shows the No. 8 bench man-



ufactured by Chandler & Barber, 122-126 Summer street, Boston. The distinctive feature of this bench is the parallel vise. The firm manufactures a dozen different kinds of benches for use in manual training schools. A catalogue for the asking.



In their usual thorough and comprehensive manner, Hammacher, Schlemmer & Co., the New York tool and supply house, have just issued a very complete catalogue of manual training tools and benches.

It contains 110 pages of matter devoted exclusively to this subject and is a veritable text book of information for those seeking "points" as to how and with what to equip a school for this work. Copies are sent gratis, upon request.

The very fact that a concern as large as this finds it advisable to issue a 110-page catalogue, devoted exclusively to manual training tools and benches, is evidence of their earnestness in the general promotion of the work, and a house established in 1848, and dealing ever since in tools for all trades, and having made a special study of manual training tool requirements, should be in position to supply the best and latest.

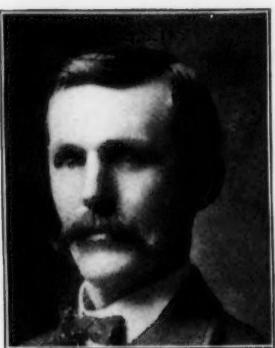
Dallas, Tex. The board has ordered telephones placed in all the school buildings and in the superintendent's home.



This is the third of illustrations which have appeared in this journal showing the Kalamazoo book holder. The reason we are giving these book holders more than ordinary attention is because we are convinced that the "Kalamazoo" is the best device of the kind now on the market.



M. J. McGURL,  
Baltimore, Md.  
With American Book Co.



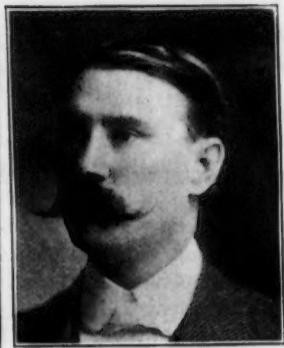
T. P. MURREY,  
State Agent  
American Book Co.,  
Little Rock, Ark.



Capt. WM. BULL KENDRICK,  
General Agent  
University Publishing Co.,  
New York City.



H. W. LOUIS,  
American Book Co., \*  
Jackson, Tenn.



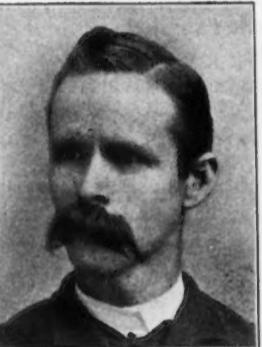
OLIVER STIGALL,  
With Silver, Burdett & Co.,  
Chillicothe, Mo.



E. A. DEWITT,  
Agent Ginn & Co.,  
Dallas, Texas.



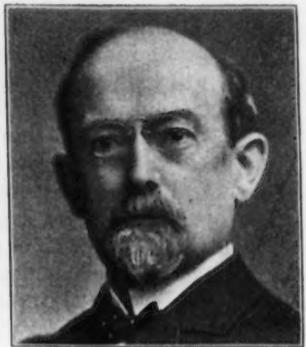
E. O. CLARK,  
Milton Bradley Co.,  
Atlanta, Ga.



A. J. WILKINSON,  
Agent American Book Co.,  
Grafton, W. Va.



E. G. LYLE,  
Agent D. C. Heath & Co.,  
St. Louis, Mo.



A. P. FLINT,  
Agent American Book Co.,  
Philadelphia, Pa.



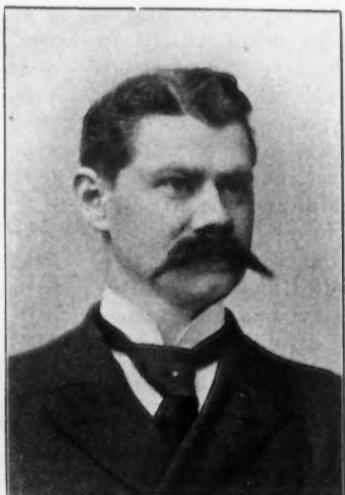
J. E. DORLAND,  
American Book Co.,  
Louisville, Ky.



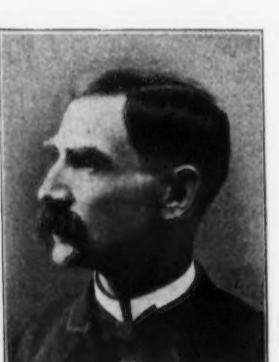
ADOLPH DUEBER,  
American Book Co.,  
Chicago, Ill.



J. H. KNAPP,  
D. C. Heath & Co.,  
Philippi, W. Va.



L. B. ROBESON,  
Ginn & Co.,  
Atlanta, Ga.



CHAS. H. DIETRICH,  
American Book Co.,  
Hopkinsville, Ky.



HENRY TRASK,  
Pa. Agt. Silver, Burdett & Co.,  
Philadelphia, Pa.



P. W. GRINSTEAD,  
American Book Co.,  
Bowling Green, Ky.



LUCIEN V. LA TASTE,  
General Agent University Publishing Co.,  
Montgomery, Ala.



B. K. BENSON,  
Southern Agent D. C. Heath & Co.,  
New Orleans, La.



WM. LINN,  
Manager Columbia Book Co.,  
Philadelphia, Pa.

# Book Reviews

**THE EVOLUTION OF GENERAL IDEAS.** By Th. Ribot, Professor in the College De France. Authorized Translation from the French, by Frances A. Welby. 231 pages. Published by the Open Court Publishing Co., Chicago.

This book is a study of pure psychology and does not include any discussion upon logic, the theory of knowledge, or the principles of philosophy. It is a resume of lectures given at the College De France in 1875 and is the first of a series designed to include all departments of psychology, the author's well-known book on Attention being a preliminary volume. Prof. Ribot shows that abstraction and generalization exhibit a perfect evolution; that they exist already in perception; and that they advance by successive stages to the more elevated forms of pure symbolism. In the progressive development of these operations there are three main periods: (1) inferior abstraction prior to the appearance of speech, independent of words though not of all signs; (2) intermediate abstraction, accompanied by words, which, though at first accessory, increase in importance little by little; (3) superior abstraction, where words alone exist in consciousness and correspond to a complete substitution. The principal sources of information for this investigation are: (1) for inferior abstracts, in the acts of animals, of children, of uneducated deaf mutes; (2) for intermediate abstracts, in the development of languages, and the ethnographical documents of primitive or half-civilized peoples; (3) for superior abstracts, in the progressive constitution of scientific ideas and theories, and of classifications. This clear and careful analysis of a fundamental process of the mind adds one more valuable exposition in the science of pure psychology, to which Prof. Ribot has already made very important contributions, his Diseases of the Will being the most revolutionizing book on the theory of insanity that modern psychology knows.

**AN ELEMENTARY PHYSICS FOR SECONDARY SCHOOLS.** By Charles Burton Thwing, Ph.D. (Bonn), Professor of Physics in Knox College, formerly Instructor in Physics in the University of Wisconsin, and Author of "Exercises in Physical Measurement." Part I, Principles; Part II, Laboratory Exercises. 371 pages, illustrated. Published by Benj. H. Sanborn & Co., Boston.

It is not an easy matter for a beginner to get a clear idea of "foue" and energy; and yet without it the study of physics is impossible. The arrangement of the matter of "An Elementary Physics" must and will make this matter simpler. If there were no other good points in Prof. Thwing's book, this alone ought to recommend it.

Over and above the points which it has in common with the usual text book, it must be commended for its practical utility, and for the numerous exercises throughout the book.

**THE ESSENTIALS OF FRENCH GRAMMAR.** By C. H. Grandgent, Professor of Romance Languages in Harvard University, formerly Director of Modern Language Instructor in the Boston Public Schools. Heath's Modern Language Series. 401 pages. Published by D. C. Heath & Co., Boston. Price \$1.

I consider "The Essentials of French Grammar" a standard grammar for English-speaking students who desire a thorough French course.

deserving of great praise. I would strongly recommend it to all intelligent students who earnestly desire to obtain a complete mastery of French.

**CHILD LIFE IN LITERATURE.** A Fourth Reader. By Etta Austin Blaisdell and Mary Frances Blaisdell, Authors of "Child Life," "Child Life in Tale and Fable," and "Child Life in Many Lands." 240 pages, with illustrations. Published by the Macmillan Co., New York. (For sale at Des Forges Co., Milwaukee, Wis.)

This attractive little volume has been compiled for the purpose of giving children material for the best available literature and thus aid them in acquiring a taste for good books. The nature of the child is borne in mind even in the selection of classical pieces.

**PRACTICAL LESSONS AND EXERCISES IN GRAMMAR.** By Olive McHenry, Principal Hawthorne School, Des Moines, Ia. 224 pages. Published by the Western Publishing House, Chicago.

This book, as the preface indicates, is especially designed to give pupils of the grammar grades a thorough knowledge of the *fundamentals* of English grammar, and to make that knowledge of practical value. The plan is one that has been followed by the author for a number of years in the schools under her charge—the aim being to lead pupils, by induction, to a thorough comprehension of a grammatical principle, then to formulate that principle for them in words which they will understand, and afterwards to have them apply the principle until they have acquired a working knowledge of it. To this end a large number of progressive exercises are given, and much constructive work is required.

**STUDY AND PRACTICE OF FRENCH.** Hand Book of Pronunciation for Advanced Grades. By Louise C. Boname, Teacher of the French Language and Literature. 64 pages. Published by the Leeds & Biddle Co., Philadelphia, Pa.

This little volume is intended for beginners of French in the advanced grades. It gives in a concise form a comprehensive and clear idea of the subject and may be used with any grammar. The author evidently understands the needs of students of French and meets them in a serviceable manner.

**THREE SCORE AND TEN IN RETROSPECT.** By J. W. Hooper. 80 pages. Price \$1. Published by C. W. Bardeen, Syracuse, N. Y.

This book embodies the life and experiences of a schoolmaster, interestingly and instructively told. It puts on record many things of value which otherwise might have been lost.

**THREE OUTDOOR PAPERS.** By T. W. Higginson. With a Biographical Sketch. The Riverside Literature Series. 96 pages. Price, single numbers, 15 cents. Published by Houghton, Mifflin & Co., Boston, New York, Chicago.

This is a valuable addition to a popular series of supplementary reading. The author is too well known to need an introduction here. His "Procession of the Flowers," "April Days," "Water Lilies," etc., are reproduced.

**LES FAUTES DE LANGAGE OU LE FRANCAIS COMME ON LE PARLE.** Par Victor F. Bernard. 77 pages. Published by William R. Jenkins, New York.

This is a period of French grammars, language lessons, etc.—no doubt stimulated by the

fact that the attention of Americans is directed towards France—and particularly Paris at this time. This little volume is valuable to those who desire to familiarize themselves with the French language.

**LAIRD & LEE'S VEST POCKET STANDARD SPANISH-ENGLISH AND ENGLISH-SPANISH DICTIONARY.** By F. M. de Rivas. 374 pages. Cloth, price, 25 cents; full leather, full gilt, 50 cents. Both editions double indexed. Published by Laird & Lee, Chicago.

This dictionary contains the figured pronunciation of every word in both languages, a collection of English and Spanish idioms, and perfect maps and statistics of all Spanish-speaking countries. A list of leading cities in Porto Rico and the Philippines is included. It is a real gem in contents and make-up and will prove invaluable, at home and abroad, to the army and navy, to teachers, students, tourists and business men.

**DISCOVERERS AND EXPLORERS.** By Edward R. Shaw, Dean of the School of Pedagogy, New York University. 120 pages, with illustrations. Published by the American Book Co., New York, Cincinnati, Chicago.

Dr. Shaw always does his work well. The book is a fascinating one. Books on this subject generally attract the live boy. History and geography, however, are taught here together. The various discoveries are in turn described, and he gradually grasps a true conception of the world as it is. The wonderful adventures of those daring explorers are told in simple and familiar language, yet in such a fascinating way that they cannot fail to interest the child.

**ORIOLE STORIES FOR BEGINNERS.** By M. A. L. Lane. 86 pages. Twenty-five Lessons in Phonic Drill for the Teacher of Phonic Methods. Mailing price, 33 cents. Published by Ginn & Co., New York, Boston, Chicago.

This little primer will appeal to children. It tells of birds. In simple language, in beautiful pictures it covers the subject.

**THE FINCH FIRST READER.** By Adelaide V. Finch, Principal of the Normal Training School, Lewiston, Me.; Author of "The Finch Primer." 145 pages, with illustrations, some colored. Published by Ginn & Co., Boston, New York, Chicago.

Miss Finch demonstrated her ability in school book making when she brought out "The Finch Primer." The present volume is to be used in connection with this book. It covers attractive subjects, presented on pedagogical lines.

**GRADED LITERATURE READERS.** Edited by Harry Pratt Judson, LL.D., Dean of the Faculties of Arts, Literature and Science, University of Chicago, and Ida C. Bender, Supervisor of Primary Grades in the Public Schools of Buffalo, N. Y. Third Book. 232 pages, with many illustrations, some colored. Price 45 cents. Published by Maynard, Merrill & Co., New York, Chicago.

This, the third book of the series, is equal to its predecessors. The literary character of the subject matter and the careful grading commend the volume to the thoughtful teacher. The publishers have spared no labor and expense in attaining typographical excellence. The illustrations, the paper and type, as well as the binding, are fine.

**THE STORY OF ULYSSES.** By M. Clarke, Author of the Story of Troy, Story of Aeneas, Story of Caesar. Eclectic School Readings. Cloth, 12mo, 283 pages, illustrated. Price 60 cents. American Book Co., New York, Cincinnati, Chicago.

The series of supplementary readers to which this volume belongs has proven a most interesting one. The story is lucidly told and handsomely illustrated. The book is uniquely embellished with engraved end pieces.

**LEE'S AMERICAN AUTOMOBILE ANNUAL FOR 1900.**

A Handbook for all interested in horseless vehicles. History of the Automobile—Internal Combustion System—Steam Power Vehicles—Electric Storage Battery and other forms of Motor Power; Compressed Air, Liquid Air, Carbonic Acid Gas, Steering Gears—Rules and Regulations in the Operating of Automobiles, etc. Edited by Alfred B. Chambers, Ph.D. Illustrated. 269 pages. Price, flexible leather, \$1.50. Published by Laird & Lee, Chicago.

This is a timely volume. The books on horseless vehicles issued on the other side of the ocean, although valuable in their way, do not really meet the wants of the American reader. The motors and vehicles constructed in the United States have to be built on principles that do not obtain, to an equal degree, in countries where the roads, climates, etc., are radically different. It is clear, simple and complete, avoiding any excess of technicalities, and still describing with full accuracy the leading types of automobiles now on the market. Every system—gasoline, steam, electricity—is exhaustively discussed and illustrated, the author's opinion being given fearlessly as to the relative value of each. Over 100 cuts render the explanations easy to follow and understand. The rules and regulations adopted by leading cities in the country for the safe handling of automobiles on the public highways are given in full, together with monthly calendars, an automobile logbook, etc., etc.

**THE WOOSTER ARITHMETIC FOR GRADE I.** By Lizzie E. Wooster. 112 pages, with numerous illustrations. List price, 25 cents. Published by Crane & Co., Topeka, Kas.

This book is graded to suit the needs of pupils in first year work. It is divided into four sections and is designed to obviate blackboard work. The author has based her work on actual school room work.

**AMERICAN PUBLIC SCHOOLS.** By John Swett, Author of "The History of the Public School System of California," "Methods of Teaching," "Normal Word Book," and "School Elocution," and Collaborator in the Authorship of Swinton's Language Series, Word Series, and Geography Series. Cloth, 12mo, 320 pages. Price \$1. Published by the American Book Co., New York, Cincinnati, Chicago.

This work contains a series of studies on the vital points of public school history, together with an outline of the psychological and pedagogical methods of instruction and management in American public schools. A knowledge of the history of public education in our own country is fast becoming an indispensable part of the educational equipment of every American teacher; and it is to help along this new movement that the first part of this book has been written. The second part relates to applied pedagogies in the schools, and treats specifically of modern courses of study, school management, professional reading, and study for teachers and the application of common sense

to rural schools. The author has made free use of quotations from the latest writings of American educational leaders in order to show the drift of modern pedagogical and psychological thought.

**JEAN FRANCOIS MILLET:** A Collection of Fifteen Pictures and a Portrait of the Painter, with Introduction and Interpretation. By Estelle M. Hurl. 94 pages. The Riverside Art Series. Price 30 cents. Published by Houghton, Mifflin & Co., Boston, New York, Chicago.

The great French painter's life's work is unfolded in reproductions of his best works and in a text which clearly outlines his aims and purposes. It offers an interesting study.

**TENNYSON'S THE PRINCESS.** Edited with Introduction, Notes and Analytic Questions, by L. A. Sherman, Professor of English Literature in the University of Nebraska. 185 pages. Price 60 cents. Published by Henry Holt & Co., New York.

Tennyson's immortal poem is reproduced with notes and analytic questions. The introduction covers a study of the poem and a discourse on the poet.

**FOUR AMERICAN PIONEERS.** By Frances M. Perry and Katherine Beebe. Edited by James Baldwin, Ph.D. 256 pages, cloth, illustrated. Price 50 cents. Published by the Werner School Book Co., Chicago, New York, Boston.

The Four Great American Series have no doubt found favor as supplementary readers. They deserve success. The present volume deals with Daniel Boone, David Crockett, George Rogers Clark and Kit Carson. No more interesting figures in the pioneer life of this country could have been selected. These biographical stories, which are well written and amply illustrated, will delight young readers and prove an acquisition to school libraries.

**THE LADY OF THE LAKE.** By Walter Scott. Edited with Introduction and Notes by Elizabeth A. Packard, Head of English and History in the High School at Oakland, Cal. 208 pages, with half-tone engraving. Price 25 cents. Published by the Macmillan Co., New York, Chicago. (For sale at Des Forges & Co., Milwaukee, Wis.)

The introduction to this well-known work is an instructive treatise on the same. The notes throw light on all points liable to appear cloudy to the student. It is a compact little book which may readily be carried in one's pocket.

**THE MOTHER TONGUE.** Book I. Lessons in Speaking, Reading and Writing English. By Sarah Louise Arnold, Supervisor of Schools in Boston, and George Lyman Kittredge, Professor of English in Harvard University. 320 pages, with illustrations. Price 55 cents. Book II. An Elementary English Grammar. By George Lyman Kittredge and Sarah Louise Arnold. 331 pages. Price 70 cents. Published by Ginn & Co., New York, Boston, Chicago.

One book is designed to guide children to an intelligent appreciation of good English; the

other to a grasp of the elements of grammar. The first book provides selections from good authors in prose and poetry. Exercises for reading, study, discussion and learning by heart accompany the selections. Part two in the same volume prepares the way for a study in grammar.

In the second book English grammar receives thorough treatment. Exercises for practice are furnished in liberal measure.

**SONGS OF ALL THE COLLEGES.** Including Many New Songs. Compiled and Arranged by David B. Chamberlain (Harvard), and Karl P. Harrington (Wesleyan). 218 pages. Published by Hinds & Noble, New York City.

The very latest and best songs, many of which have never before been published, although popular in their respective colleges, are to be found in this volume. A number of old songs, that retain their popularity, are included, partly because they are still liked and are much sung wherever students assemble, and also because college graduates everywhere in the world welcome the favorite tunes of their under-graduate days.

Next to the familiar hymns, it is the whole-soul, hearty college song, which one loves most to sing and to hear, whether at college, at home, afloat or afield.

The authors have gathered into this book the various songs that will be sung and which are bound to meet with favor by the lovers of song.

**QUENTIN DURWALD.** By Sir Walter Scott, Bart. Edited with an Introduction by Mary Harriet Norris. Published by the American Book Co., New York, Cincinnati, Chicago. 332 pages.

This novel gives boys and girls a distinct and accurate impression of the age of chivalry when its principles still animated the court life of England and Europe, but had ceased to claim the blind reverence of the people. The scene of this "finely wrought story" is laid in Paris at the time of Louis XI, during the latter half of the fifteenth century, and portrays the French king as the first of his line to recognize political capacity when not allied to rank. It shows with admirable clearness the rising power of the people and the royal perception that they will prove the bulwark of the crown against the great feudal barons. For these reasons, as well as because it is one of the best and most attractive novels in English literature, the book is particularly adapted for school and supplementary reading.

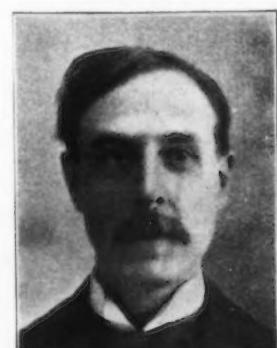
**TWENTIETH CENTURY ARITHMETIC.** By Francis M. Woods. Second Edition. Price 75 cents. Published by the Educational Association, 63 Wabash avenue, Chicago.

This work is a practical response to school and business conditions. The cordial approval thus far extended to this arithmetic gives assurance that it meets the demand for arithmetical text which will prepare pupils for business life, and, at the same time, contribute fully to the discipline of their mental powers. This book was prepared with special reference to the needs of that numerous class of pupils whose school attendance does not extend beyond the lower grammar grades. The plan, scope and business applications make all studies useful. These are illustrated by scores of diagrams and colored pictures, each showing some principle not possible to convey in type.

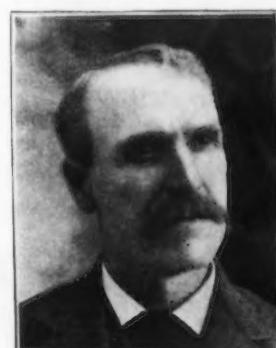
The publishers will send sample of illustrations upon application.



L. L. LEEDS, M. D.,  
President School Board,  
Lincoln, Ill.



REV. THEO. CROWL, D. D.,  
Pres. High School Bd. of Ed.,  
Sterling, Ill.



HENRY RABLIN,  
President Board of Education,  
Grand Rapids, Wood Co., Wis.



E. ANNABIL,  
President Board of Education,  
McPherson, Kas.



J. S. ALLEN, M. D.,  
President Board of Education  
Keithsburg, Ill.



Capt. J. A. Bowen, of the Globe School Book Co., New York City, was in the West last month. J. Hunt Butler, of the same firm, has also spent considerable time in the field.

Mr. W. D. Nickerson, who has gone with the Globe School Book Co., formerly represented the Rand-McNally Co. in the New England states.

Mr. H. E. Hayes has struck oil. The genial manager of the educational department of D. Appleton & Co. is interested with others in an oil well in Pennsylvania.



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### NOTICE TO PUBLISHERS:

The State Board of Education of South Carolina, on September 3, 1900, will adopt a single list of text books for the public schools of South Carolina for a period of not less than five years. Address communications to John J. McMahan, Secretary, Columbia, S. C.

C. R. Long was in New York City last month representing the interests of Ira T. Eaton & Co., of Chicago. It is thought that this firm will open an Eastern office.

The gentleman mentioned in our last month's issue in connection with the firm of Richardson, Smith & Co., is Mr. Harrower, and not Mr. Hanover.

John F. L. Morris, of Ginn & Company, made a wager some time ago that the publisher of this journal would not print a joke, if it were on himself. The story was published in the May SCHOOL BOARD JOURNAL. The wager specified the drinks for every bookman in America. Morris gracefully acknowledged that he lost the wager and stands ready to supply the Appollinaris for every bookman who may run across his path. Morris is genial about the matter—for he promises a special brand of medicine for Bruce.

Mr. J. S. Graham who was formerly connected with the Caxon Co. is now with the W. H. Wheeler & Company, educational publishers. Mr. Graham is as tall as ever, as energetic as ever, and as successful as ever.



Publisher: Did you have commodious apartments during the N. E. A. meeting?

Bookman: Commodious! I had a hat rack all to myself.

Fate seems to have played its own little game in an interesting fashion in bringing together Captain J. A. Bowen and J. Hunt Butler as proprietors and managers of the Globe School Book Company, of New York City. If the history of Butler, Sheldon & Company were written, it would develop that this firm is the successor of the old firms of Cowperthwait & Company, Taintor Brothers, Sheldon & Company and E. H. Butler & Company. Captain Bowen started with the first firm and finally landed with the last. In the interim he was connected with Rand-McNally & Company in the Western field. J. Hunt Butler, who it is said is a cousin of E. H. Butler, was for a time with the firm of E. H. Butler & Company and then became connected with Taintor Brothers. When this firm sold out to Sheldon & Company, Mr. J. Hunt Butler went with the latter. The E. H. Butler & Company was then absorbed by Sheldon & Company under the firm name of Butler, Sheldon & Company, bringing Bowen and Butler under the same roof. Both men then retired and organized the Globe School Book Co.

Mrs. Mary Dana Hicks, who formerly represented the Prang Educational Company, has become Mrs. Louis Prang.

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Snow Image (Hawthorne), No. 20,

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For 5th Year.  
For 7th Year.  
For 6th Year.  
For 5th Year.

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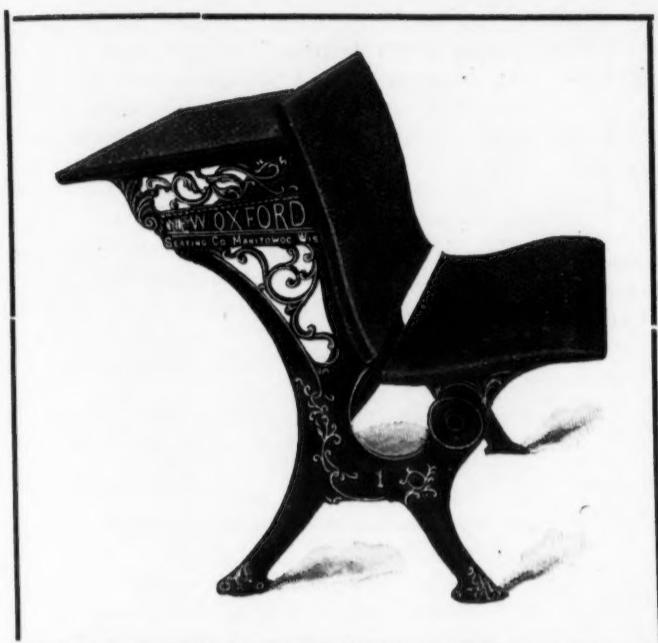
School Board Journal



THE COUNTY SUPERINTENDENTS OF SCHOOLS IN WISCONSIN.

1 Myron E. Keats.	12 R. A. Edgar.	23 Geo. H. Drewry.	34 H. C. Curtis.	44 Guy Ives.	55 J. F. Lamont.	65 Miss J. N. Smith.
2 W. Storms.	13 Edw. Blumer.	24 R. C. Ramsey.	35 W. T. Anderson.	45 L. B. Stiles.	56 Nelson O. Varnum.	66 Wm. J. Eberwein.
3 W. H. Hunt.	14 H. D. Keyes.	25 R. M. Derse.	36 C. H. Nye.	46 J. L. Husebo.	57 F. W. Bixby.	67 Mrs. E. Fordyce.
4 F. W. Metcalf.	15 Fred Christianson.	26 Jeremiah Donovan.	37 Mrs. J. Crownhart.	47 O. E. Pederson.	58 Chas. H. Museus.	68 Alex. Higgins.
5 Jas. K. Lowry.	16 J. A. Hazelwood.	27 J. J. Hoffman.	38 State Supt. L. D.	48 W. H. Kratzer.	59 D. F. Burnham.	69 Jas. F. McDowell.
6 Edw. Nordman.	17 David Throne.	28 H. L. Gardner.	39 Harvey.	49 J. P. Peterson.	60 Otto J. Leu.	70 W. N. Parker.
7 W. Schuppert.	18 J. P. Fournier.	29 A. A. Thomson.	40 A. P. Een.	50 D. E. Hill.	61 W. C. Crocker.	71 A. E. Cleasby.
8 L. D. Roberts.	19 J. H. Natrass.	30 W. M. Ross.	41 Wm. Griffith.	51 G. D. Ziegler.	62 Mrs. E. Harrington.	72 Miss A. E. Schaffer.
9 R. H. Burns.	20 P. R. Kunny.	31 Arthur Latton.	42 J. G. Voss.	52 L. S. Keith.	63 Chas. T. Taylor.	73 Miss E. Walters.
10 A. M. Royce.	21 A. J. Leighton.	32 B. M. Jostad.	43 J. S. Penberthy.	53 A. J. Ingl.	64 Mrs. T. Davidson.	74 F. B. Dell.
11 E. H. Burlingame.	22 M. L. Bunnell.	33 F. M. Mason.	44 E. E. Brindley.	54 J. P. Lewis.		

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**Book Reviews.**

ONE YEAR OF SUNDAY SCHOOL LESSONS FOR YOUNG CHILDREN. A Manual for Teachers and Parents, by Florence U. Palmer. 224 pages, price, \$1.00. Published by the Macmillan Company, New York.

A central thought, a text, a picture; a lesson outline, the story of the lesson, music and some fifty framed questions. "I spoke as a child, I understand as a child." This indicates the character of these lessons. It is the philosophy of Pestalozzi and of Froebel applied to the teaching of Scriptures. The fifty-three lessons are taken from the old and new Testaments. The pictures tell their own stories. The stories of the lessons are told with a wonderful simplicity and gracefulness. The subjects are the most interesting that could be found, the highest types of character, and the most entertaining incidents. It is all presented in the child's way of thinking and understanding. It is pleasantly done.

A MANUAL OF ENGLISH HISTORY. By Edward M. Lancaster, Principal of the Gilbert Stuart School, Boston. Revised edition, cloth, 12mo., 334 pages, illustrated. Price, \$1.00. Published by the American Book Company, New York, Cincinnati, Chicago.

This history, first printed in 1877, has been brought down to the present time. It is intended for the use of schools that have half a year or less to give to the subject. It gives the progress of events in a well written narrative, showing causes and effects rather than emphasizing many dates. In the paragraph on Henry VIII, the Field of the Cloth of Gold is said to have been in English territory. It is true that England held Calais at that time and until near the close of Mary's reign. But the placing of the meeting of the kings "twixt Guines and Aydres" has been ever since in France. The

events in South Africa are outlined, and a hopeful view is taken of British dominion and its civilizing influence. The appendix gives one a good idea of the form of the British government.

THE PRACTICE OF  
PALMISTRY FOR PRO-  
FESSIONAL PUR-

POSES. By Comte C. de Saint-Germain, A.B., LL.M. (of the University of France), President of the American Chirological Society, and of the National School of Palmistry. Author of Hand Book of Modern Palmistry (1883), and of Practical Palmistry. With an introduction by the late Adolphe Desbarrolles. Over 1,100 original illustrations and a complete Palmistic Dictionary. Vol. I. 416 pages, price, cloth, uncut edges, polished top, \$3.50. Published by Laird & Lee, Chicago.

For the first time, the ancient art of hand-reading, which has fascinated hundreds of generations the world over, and whose star is still bright as ever, is presented in the spirit of modern investigation and with a simplicity and cleanliness that have been sadly lacking in most of the smaller manuals on the subject. The genius of systematization is apparent in every detail of this curious work, making it as interesting reading as the best fiction, and as easy to consult as the best conceived of our dictionaries. Every idea of mystery or occultism, every tendency to connect palmistry with astrology or kabalistic rites, is resolutely condemned by the author, who is satisfied to stand on a basis of purely physiological researches and results. No book of such magnitude, with its 1,254 original illustrations, its wealth of cases taken from life, and its dictionary of facts, readings and bibliography, has ever been attempted in any language. It surpasses Desbarrolles' immortal work in precision and wealth of detail, while giving the master his full meed of recognition. In fact, it seems as if the final and definitive work on palmistry was now before the world, thanks to the years of patient, indefatigable labor devoted to this "magnum opus." It is above all, and without a peer, the book that will teach palmistry and teach it thoroughly.

**FOOD AND WEATHER.**

**Temperature Increased or Reduced by Food.**

The old army ration for the tropics has been very sharply criticised for the reason that it consists of articles of food that any person even slightly acquainted with the elements of food knows is not adapted to the needs of the human system in hot weather. Nature shows forth in the selection of food by inhabitants of various countries; for instance, the Esquimaux in a cold climate selects heavy, carbonaceous foods, tallow, bacon and such; while the Hindoo and inhabitants of hot countries turn to the cereals for sustenance.

We should follow this hint of nature, and particularly in hot weather should avoid much butter, meat or any of that class of food. Perhaps a little meat once a day is not amiss, even in hot weather, but the breakfast and lunch should be made of fruit, one or two slices of entire wheat bread and some Grape-Nuts and cream. Grape-Nuts are mentioned, because they furnish the ideal cereal food in a most palatable and delicious form, in addition to which, they are ready cooked and require no attention whatever from the cook.

A person can pass through weather that may be intensely hot, in a comfortable manner, if the food be properly selected, and the above suggestions can be put into practice with most excellent results.

The average annual salary paid to teachers in the state of New York for the year ending June, 1897, was 495.93.

Newark, N. J. A fixed apportionment for text books has been adopted. Expenditure of money for text books has now been placed on a business basis. The rates fixed per pupil are as follows: For each high school pupil, \$3; for each pupil in the sixth, seventh and eighth grades, \$1.65; for each pupil in the fourth and fifth grades, \$1.25; for each kindergarten pupil and those in the first, second and third grades, 90 cents; for each normal school pupil, \$3; for each pupil in the training department of the normal school and in the ungraded schools, \$1.25.

Grinnell, Ia. The board has made a purchase of a set of Johnson's Encyclopedias.

Syracuse, N. Y. The board has taken action to exclude the reading of the Bible in the schools.

## SCHOOL SANITATION AND DECORATION.

By **SEVERANCE BURRAGE, B. S.**,

Of the Dept. of Sanitary Science in Purdue University.

and **HENRY TURNER BAILEY,**

State Supervisor of Drawing in Massachusetts.

*It is the purpose of this book to contribute to the forces which are co-operating to produce the crowning race in America—the race that shall have the piety so happily defined by Dr. W. T. Harris—"the piety not merely of the heart, but the piety of the intellect that beholds truth, the piety of the will that does good deeds wisely, the piety of the senses that sees the beautiful and realizes it in works of art."*

**CONTENTS:** Chap. I—Location of Schools. II—Construction and Requirements of School Buildings. III—Principles of Ventilating, Heating and Lighting. IV—Sanitary Problems of the Schoolhouse. V—School Furniture. VI—The Schoolroom. VII—Schoolroom Decoration. VIII—The Old Country Schoolroom. IX—School Children. X—Influence of School Life Upon the Eyes. XI—School Authorities and Patrons. XII—Beauty in School Work. APPENDIX—Classified list of Works of Art for School Room Decoration.

THE ILLUSTRATIONS—Nearly 100 in number—include reproductions of great masterpieces, plans and elevations of school buildings, specimens of artistic work by pupils, and many suggestive diagrams.

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D. C. HEATH & CO.

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NEW YORK.

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# School Board Journal



## School Supplies.

Carlisle, Pa. A Smith-Premier typewriter has been purchased in the Carlisle Indian school for instruction purposes.

Maquoketa, Ia. A quantity of general school supplies procured from the Central School Supply House.

The school board of Sterlington, N. Y., has just ordered quite a large quantity of school furniture from the Grand Rapids School Furniture Works.

The American School Furniture Co. were the successful bidders of school desks at Hoboken, N. J.

The Grand Rapids School Furniture Works just secured a very nice order for friction side desks at South Orange, N. J.

The board of education of Bedford, Mass., have just placed a nice order for school furni-

ture were the successful bidders on school desks at Clinton, Mass., where they received an order for over 500 of their adjustable chair desks.

The town of Malden, Mass., have just placed their order for school furniture with the Chandler Adjustable Chair and Desk Works.

The Grand Rapids School Furniture Works were the successful bidders on school furniture at Monticello, Me.

Salem, Mass., has just placed an order with the Chandler Adjustable Chair and Desk Works for about 200 of their adjustable desks.

The American School Furniture Co. were the successful bidders on school furniture at Lancaster, Pa.

The American School Furniture Co. have just made a large shipment of school furniture to the Philadelphia schools.

ture with the Chandler Adjustable Chair and Desk Works.

Newport, N. H., has just ordered school desks from the Grand Rapids School Furniture Works.

The town of Peabody have just placed an order with the Chandler Adjustable Chair and Desk Works for a quantity of their adjustable chair desks.

The town of Franklin, Me., has just ordered a large quantity of school furniture from the Grand Rapids School Furniture Works.

The Grand Rapids School Furniture Works were the successful bidders of school furniture at Plainfield, Vt.

The town of Lynn, Mass., has just placed an order with the Chandler Adjustable Chair and Desk Works for several hundred of their adjustable desks.

The Chandler Adjustable Chair and

**The Idle Wheel's Work—and Yours**

The idle wheel's work in machinery is useful but not progressive. It carries power, does not transform it. If your work is of this nature you can change it completely, do higher work for a higher salary, if you will study during odd hours by our plan of instruction by mail.

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Established 1891. Capital \$1,500,000. Write and state the profession you choose.

**THE INTERNATIONAL CORRESPONDENCE SCHOOLS,**  
Box 1267, Scranton, Pa.

The American School Furniture Co. have been awarded contract for furnishing school desks to the schools of Columbia, Ala.

The Chandler Adjustable Chair and Desk Works have secured an order amounting to 700 desks from the school board of Montgomery, Ala.

The American School Furniture Co. were the successful bidders on school desks at Cullman, Ala.

The Chandler Adjustable Chair and Desk Works have just received an order for over 200 of their adjustable chair desks from the schools of Washington, D. C.

The Wabash School Furniture Works were the successful bidders on school desks at Forest Depot, Vt.

St. Augustin's Academy of Tompkinsville, N. Y., have just sent a nice order for school desks to the Grand Rapids School Furniture Works.

The American School Furniture Co. were the successful bidders for school desks at Wolcott, N. Y.

The board of education of Newark, N. J., have just placed an order with the American School Furniture Co. for school furniture.

The Grand Rapids School Furniture Works were the successful bidders of school furniture at Rutland, Vt.

## Catalogue No. 87.



## OF BENCHES AND TOOLS

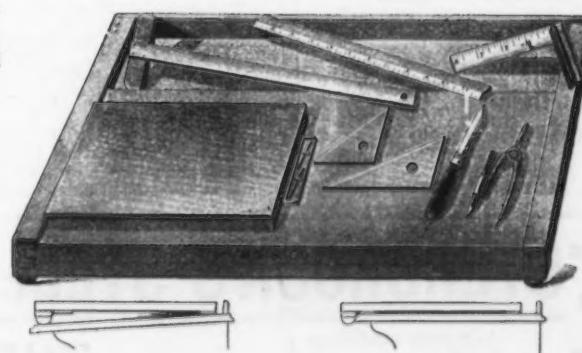
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# DIRECTORY SCHOOL SUPPLY AND EQUIPMENT DEALERS.

This directory has been prepared for the convenience of Secretaries, Boards of Education and school officials who contemplate the erection of school houses and the purchase of School Furniture, Supplies and Equipment. The names of reliable firms only are listed. Write them for estimates and other information.

<b>Apparatus.</b>	Cleveland School Furniture Works, New York, Chicago.	Chandler Adjustable Chair & Desk Works.....Boston.	Projection Lanterns.	L. A. Murray.....Kilbourn, Wis.
McIntosh Battery & Optical Co.....Chicago.	Standard School Fur. Co.....Chicago.	Heating and Ventilation.	Chandler Adjustable Chair & Desk Works.....Boston.	Gustave Beyer.....Milwaukee.
L. E. Knott Apparatus Co.....Boston.	E. W. A. Rowles....." ".	The Powers Regulator Co....Chicago Am. Warming & Ventilating Co.....Chicago.	Physical and Chemical Apparatus.	O. C. Clark & Co.....Cleveland, O.
Educational Ass'n.....Chicago.	Central Sch'l Supply House, " ".	Lewis & Kitchen.....Kansas City, Mo.	L. E. Knott Apparatus Co.....Boston.	Smith & White Mfg. Co.....
Standard School Fur. Co.....Chicago.	Chicago Lab. Sup. & Scale Co. " ".	Pack-Williamson Co.....Cincinnati, O.	Central Sch'l Supply House, Chicago.	J. W. Schermerhorn & Co.....N. Y. City
E. W. A. Rowles....." ".	A. H. Andrews Co....." ".	Ink and Ink Wells.	E. W. A. Rowles.....Chicago.	Peckham, Little & Co.....New York city
Central Sch'l Supply House, " ".	Standard School Fur. Co. " ".	O. C. Clark & Co.....Cleveland, O.	Western Pub. House....." ".	Thomas Kane & Co.....Racine, Wis.
Chicago Lab. Sup. & Scale Co. " ".	E. G. Dann & Co....." ".	Carter's Ink Co.....New York-Chicago	Central Sch'l Supply House....." ".	Educational Ass'n.....Chicago.
A. H. Andrews Co....." ".	Western Pub. House....." ".	H. D. Kirk....." ".	E. G. Dann & Co....." ".	E. W. A. Rowles....." ".
Franklin Educational Co.....Boston.	E. W. A. Rowles....." ".	Thomas Kane & Co....." ".	Standard Sch'l Furn. Co. " ".	Century School Supply Co. ....
School & Office Supply Co., Grand Rapids, Mich.	Central Sch'l Supply House, " ".	Eduational Ass'n....." ".	E. G. Dann & Co....." ".	E. G. Dann & Co....." ".
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E. G. Smith.....Columbus, Pa.	Sterling School Supply Co. " ".	E. G. Dann & Co....." ".	E. H. Sargent & Co.....Chicago	Standard Sch'l Furn. Co. " ".
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O. C. Clark & Co.....Cleveland, O.	Standard School Fur. Co. .... Chicago.	C. F. Weber & Co....." ".	E. W. A. Rowles.....Chicago.	Rand-Mc Nally & Co....." ".
Standard School Fur. Co. .... Chicago.	Central School Supply House, " ".	L. A. Murray.....Kilbourn, Wis.	Western Pub. House....." ".	Kilbourn, Little & Co.....New York.
Central School Supply House, " ".	C. F. Weber & Co. .... Chicago.	Peckham, Little & Co.....New York.	Central Sch'l Supply House....." ".	Chandler & Barber.....Boston.
C. F. Weber & Co. .... Chicago.	Standard School Fur. Co. .... Chicago.	J. L. Hammatt Co. .... Boston-New York.	E. G. Dann & Co....." ".	J. L. Hammatt Co. .... Boston-New York.
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E. G. Dann & Co. .... " ".	Peckham, Little & Co. .... New York.	Potter & Putnam Co. .... New York	Educational Ass'n.....Chicago.	Slating.
A. H. Andrews Co. .... " ".	Chandler Adjustable Chair & Desk Works.....Boston.	Drawing Tables.	E. W. A. Rowles....." ".	O. C. Clark & Co. .... Cleveland, O.
C. F. Weber & Co. .... " ".	Bells.	Prang Educational Co. .... Boston-New York-Chicago	E. G. Dann & Co. .... " ".	Macmillan Co. .... New York.
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J. L. Hammatt Co. .... Boston-New York.	O. C. Clark & Co. .... Cleveland, O.	Am. Warming & Ventilating Co. .... Chicago.	Grand Rapids School Fur. Co. .... Grand Rapids, Mich.	Central School Supply Co. .... New York.
St. Louis Bell Foundry, St. Louis, Mo.	Peckham, Little & Co. .... New York city.	Peckham, Little & Co. .... New York.	Haney School Furniture Co. .... Grand Rapids, Mich.	Central School Supply Co. .... New York.
Black Boards.	W. H. Londergan.....Duncan Park, Ill.	Standard School Fur. Co. .... " ".	J. W. Schermerhorn & Co. .... Philadelphia.	Central School Supply Co. .... New York.
O. C. Clark & Co. .... Cleveland, O.	J. M. Olcott & Co. .... New York-Chicago	Eduational Ass'n.....Chicago.	A. M. Sauder Co. .... Phila., Pa.	American School Furniture Co. .... New York.
Educational Ass'n.....New York-Chicago.	Thomas Kane & Co. .... Racine, Wis.	Central Sch'l Supply House, Chicago.	L. A. Murray.....Kilbourn, Wis.	Grand Rapids School Furniture Co. .... New York.
Standard School Fur. Co. .... " ".	Central Sch'l Supply House....." ".	Eduational Ass'n.....Chicago.	Moore Mfg. Co. .... Springfield, Mo.	Chandler Adjustable Chair & Desk Works.....Boston.
E. G. Dann & Co. .... " ".	E. G. Dann & Co. .... " ".	Eduational Ass'n.....Chicago.	Piqua School Fur. Co. .... Piqua, O.	Slating.
E. W. A. Rowles....." ".	E. W. A. Rowles....." ".	Central Sch'l Supply House, Chicago.	Standard School Fur. Co. .... Chicago.	O. C. Clark & Co. .... Cleveland, O.
The Paxton Co. .... " ".	The Paxton Co. .... " ".	Eduational Ass'n.....Chicago.	Thomas Kane & Co. .... Racine, Wis.	Jas. L. Foote.....Slatington, Pa.
A. H. Andrews Co. .... " ".	A. H. Andrews Co. .... " ".	Eduational Ass'n.....Chicago.	Grand Rapids School Furniture Co. .... Chicago.	The Holly Slcate Slate Co. .... New York.
School & Office Supply Co., Grand Rapids, Mich.	Grand Rapids School Furniture Co. .... " ".	Eduational Ass'n.....Chicago.	E. W. A. Rowles....." ".	Central Sch'l Supply House, Chicago.
Thomas Kane & Co. .... Racine, Wis.	Thomas Kane & Co. .... Racine, Wis.	Eduational Ass'n.....Chicago.	Standard Sch'l Furn. Co. .... Chicago.	E. G. Dann & Co. .... " ".
L. A. Murray.....Kilbourn, Wis.	L. A. Murray.....Kilbourn, Wis.	Eduational Ass'n.....Chicago.	E. W. A. Rowles....." ".	Standard Sch'l Furn. Co. .... Chicago.
J. L. Hammatt Co. .... Boston-New York.	J. L. Hammatt Co. .... Boston-New York.	Eduational Ass'n.....Chicago.	C. F. Weber & Co. .... " ".	C. F. Weber & Co. .... " ".
Peckham, Little & Co. .... New York.	Peckham, Little & Co. .... New York.	Eduational Ass'n.....Chicago.	L. A. Murray.....Kilbourn, Wis.	L. A. Murray.....Kilbourn, Wis.
Potter & Putnam Co. .... New York.	Sterling School Supply Co. .... Mt. Sterling, O.	Eduational Ass'n.....Chicago.	Standard School Furniture Co. .... New York.	Central Sch'l Supply House, Chicago.
Sterling School Supply Co. .... Mt. Sterling, O.	Potter & Putnam Co. .... New York	Eduational Ass'n.....Chicago.	Grand Rapids School Furniture Co. .... New York.	Central Sch'l Supply House, Chicago.
American School Furniture Co., New York, Chicago.	Fire Escapes.	National Iron Co. .... Reed City, Mich	Thos. Kane & Co. .... Racine, Wis.	Chandler Adjustable Chair & Desk Works.....Boston.
.New York, Chicago.	National Iron Co. .... Reed City, Mich	Flags.	E. W. A. Rowles....." ".	Slating.
Grand Rapids School Furniture Co. .... New York, Chicago.	O. C. Clark & Co. .... Cleveland, O.	Central Sch'l Supply House, Chicago.	O. C. Clark & Co. .... Cleveland, O.	O. C. Clark & Co. .... Cleveland, O.
Thos. Kane & Co. .... Works, New York, Chicago.	J. A. Joel & Co. .... New York.	Thomas Kane & Co. .... Racine, Wis.	Jas. L. Foote.....Slatington, Pa.	Jas. L. Foote.....Slatington, Pa.
Cleveland School Furniture Works, New York, Chicago.	Peckham, Little & Co. .... New York.	Central Sch'l Supply House, Chicago.	The Holly Slcate Slate Co. .... New York.	The Holly Slcate Slate Co. .... New York.
Chandler Adjustable Chair & Desk Works.....Boston.	Central School Supply House, Chicago.	Thomas Kane & Co. .... Racine, Wis.	Central Sch'l Supply House, Chicago.	Central Teachers' Bureau.....Phila.
Blinds.	Central Sch'l Supply House, Chicago.	Eduational Ass'n.....Chicago.	E. W. A. Rowles....." ".	Interstate Teachers' Agency.....Chicago.
Central Sch'l Supply House, Chicago.	Standard School Fur. Co. .... " ".	Eduational Ass'n.....Chicago.	Standard Sch'l Furn. Co. .... Chicago.	Syracuse Teachers' Agency.....Syracuse.
Standard School Fur. Co. .... " ".	E. W. A. Rowles....." ".	Eduational Ass'n.....Chicago.	E. G. Dann & Co. .... " ".	Schermerhorn Teachers' Agency, N.Y.
E. W. A. Rowles....." ".	E. W. A. Rowles....." ".	Eduational Ass'n.....Chicago.	E. W. A. Rowles....." ".	Pratt Teachers' Agency.....N. Y.
A. H. Andrews Co. .... " ".	E. W. A. Rowles....." ".	Eduational Ass'n.....Chicago.	C. F. Weber & Co. .... " ".	Home " " ..... Boston.
L. A. Murray.....Kilbourn, Wis.	L. A. Murray.....Kilbourn, Wis.	Eduational Ass'n.....Chicago.	Thomas Kane & Co. .... Racine, Wis.	Bardeen's Teachers' Agency, Syracuse.
Peckham, Little & Co. .... New York.	Peckham, Little & Co. .... New York.	Eduational Ass'n.....Chicago.	J. L. Hammatt Co. .... Boston-New York.	J. W. Schermerhorn & Co. .... New York.
Grand Rapids School Furniture Co. .... New York.	Sterling School Supply Co. .... Mt. Sterling, O.	Eduational Ass'n.....Chicago.	Sterling School Supply Co. .... Mt. Sterling, O.	Slating.
Thos. Kane & Co. .... Works, New York.	Potter & Putnam Co. .... New York	Eduational Ass'n.....Chicago.	Potter & Putnam Co. .... New York.	Central Sch'l Supply House, Chicago.
Cleveland School Furniture Works, New York, Chicago.	Fire Escapes.	National Iron Co. .... Reed City, Mich	A. H. Andrews Co. .... Chicago.	E. G. Dann & Co. .... " ".
Chandler Adjustable Chair & Desk Works.....Boston.	National Iron Co. .... Reed City, Mich	Flags.	C. F. Weber & Co. .... " ".	E. W. A. Rowles....." ".
Blinds.	O. C. Clark & Co. .... Cleveland, O.	Central Sch'l Supply House, Chicago.	L. A. Murray.....Kilbourn, Wis.	Peckham, Little & Co. .... New York.
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Central Sch'l Supply House, Chicago.	Standard School Fur. Co. .... " ".	Eduational Ass'n.....Chicago.	E. W. A. Rowles....." ".	Sterling School Supply Co. .... Mt. Sterling, O.
Book Covers.	E. G. Dann & Co. .... " ".	Eduational Ass'n.....Chicago.	Standard School Fur. Co. .... " ".	Stereopticons.
Holder Book Cover Co. .... Springfield, Mass.	C. F. Weber & Co. .... " ".	Eduational Ass'n.....Chicago.	E. G. Dann & Co. .... " ".	L. E. Knott Apparatus Co. .... Boston.
Triangular Book Cover Co. .... Syracuse, N. Y.	L. A. Murray.....Kilbourn, Wis.	Eduational Ass'n.....Chicago.	E. W. A. Rowles....." ".	Teachers' Agencies.
Commencement Stationery.	J. L. Hammatt Co. .... Boston-New York.	Eduational Ass'n.....Chicago.	Standard Sch'l Furn. Co. .... " ".	The Educational Exchange, Des Moines, Ia.
Peckham, Little & Co. .... New York.	Peckham, Little & Co. .... New York.	Eduational Ass'n.....Chicago.	E. G. Dann & Co. .... " ".	Central Teachers' Bureau, Phila.
Central School Supply House, New York-Chicago.	J. L. Hammatt Co. .... Boston-New York.	Eduational Ass'n.....Chicago.	E. W. A. Rowles....." ".	Interstate Teachers' Agency, Chicago.
Standard School Fur. Co. .... " ".	J. L. Hammatt Co. .... Boston-New York.	Eduational Ass'n.....Chicago.	Standard Sch'l Furn. Co. .... " ".	Syracuse Teachers' Agency, Syracuse.
E. A. W. Rowles....." ".	J. L. Hammatt Co. .... Boston-New York.	Eduational Ass'n.....Chicago.	E. G. Dann & Co. .... " ".	Schermerhorn Teachers' Agency, N.Y.
E. G. Dann & Co. .... " ".	J. L. Hammatt Co. .... Boston-New York.	Eduational Ass'n.....Chicago.	E. W. A. Rowles....." ".	Pratt Teachers' Agency, N. Y.
The Caxton Co. .... " ".	J. L. Hammatt Co. .... Boston-New York.	Eduational Ass'n.....Chicago.	C. F. Weber & Co. .... " ".	Home " " ..... Boston.
J. L. Hammatt Co. .... Boston-New York.	J. L. Hammatt Co. .... Boston-New York.	Eduational Ass'n.....Chicago.	Thomas Kane & Co. .... Racine, Wis.	Bardeen's Teachers' Agency, Syracuse.
Sterling School Supply Co. .... Mt. Sterling, O.	Sterling School Supply Co. .... Mt. Sterling, O.	Eduational Ass'n.....Chicago.	J. L. Hammatt Co. .... Boston-New York.	J. W. Schermerhorn & Co. .... New York.
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Grand Rapids School Furniture Co. .... New York, Chicago.	Grand Rapids School Furniture Co. .... New York.	Eduational Ass'n.....Chicago.	O. C. Clark & Co. .... Cleveland, O.	Teachers' Exchange, Albany, N.Y.
Thos. Kane & Co. .... Works, New York, Chicago.	Grand Rapids School Furniture Co. .... New York.	Eduational Ass'n.....Chicago.	Jas. L. Foote.....Slatington, Pa.	Teachers' Co-operative Assn., Boston and Albany, N.Y.
Cleveland School Furniture Works, New York, Chicago.	Eagle Pen Co. .... New York.	Eduational Ass'n.....Chicago.	Standard Sch'l Supply House, Chicago.	Robertson's Teachers' Agency, Memphis, Tenn.
Thos. Kane & Co. .... Works, New York, Chicago.	Eagle Pen Co. .... New York.	Eduational Ass'n.....Chicago.	E. W. A. Rowles....." ".	Typewriters.
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	J. L. Hammatt Co. .... Boston-New York.	Eduational Ass'n.....Chicago.	E. W. A. Rowles....." ".	A. H. Andrews Co. .... " ".
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Taken before retiring, it quiets the nerves and induces refreshing sleep.

For sale by Druggists.

### His Guess.

Teacher—Well, Johnny, if you can't spell "pilot," perhaps you can tell me what it is.

Johnny—Why, I guess it's a lot where they grow pie-plant.

### No Bargain.

School Book Author—This reader contains 200,000 words, and yet I'll sell it for \$50.

Publisher—Go on! I can buy a dictionary any day for \$5.

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Knox College.

Correspondence with Physics Teachers solicited.

In der Geschichtsstunde.—Lehrer: „Wir kommen nun zu Albrecht I. Aus dem Leben dieses Mannes wollen wir uns weiter nichts merken als seinen Tod....“

Lehrer: „Was lachst Du denn, Lümmel, etwa über mich?“

Schüler: „Rein, Herr Lehrer!“

Lehrer: „Na, ich wußte nicht, was sonst noch Lächerliches da wäre!“



Self-Defense.

Prof. Hooker—I hear that you are taking boxing lessons.

Prof. Booker (newly married)—Yes! You see, my wife was a teacher of physical culture.

### A Diplomat.

Miss Grammar—if a woman were to ask you how old you thought she was, what would you tell her?

Professor—A lie, of course.

### Got Whipped for It.

"Put out your tongue, Tommy, said the doctor.

"No, siree," said Tommy. "I did that to the teacher yesterday and got an awful whipping."

### One Rule.

"Do yaw undawstand football, barbaw?" inquired the college youth.

"Well, when I shave you I generally touch down," responded the knight of the razor.

### Backyard Botany.

"So you are experimenting in botany? Well, Curtis, remember that 'what you sow you shall also reap.'"

"Well, Tabler, that rests with your neighbor's chickens."

### Method in His Madness.

Young Professor—I have rather taken a fancy to the English mode of spelling, as compared to ours.

Young Teacher—Yes?

Y. P.—Yes, indeed. Take "parlour," for instance; having "u" in it makes all the difference in the world.

## Of Course

you are going to the meeting of the N. E. A. at Charleston? Be sure and see the exhibit of Pencils made by the Dixon Company. It will be one of the features that will be long remembered.

Mr. REED, the manager of our Educational Department, will be there with hundreds of different kinds of Pencils and Crayons, and will be glad to give a souvenir to any teacher that will mention seeing this advertisement.

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JERSEY CITY, N. J.

### An Element of Frankness.

A boy who was being questioned on a scientific subject. "It was impossible," the student declared, "for the sun to shine at night." "But," remarked the professor, "supposing I said, I saw it?" And he was startled to hear the rejoinder, "Well, sir, I should think you were drunk."

"A pilgrim," said the boy, "is a man who travels from place to place." "I do that," said the school inspector, am I a pilgrim?" The answer came, "No, sir; a pilgrim is a good man."

A school director was recently at a prize distribution, and told the pupils, after the prizes had been awarded, in a little speech which he made, that they would not see him again for a long time. He ventured to express the hope that in the meantime they would behave themselves, and not get into mischief. One of the boys, evidently regarding him as wishing the class the compliments of the season, replied: "The same to you, sir."



Opportunities of Punctuation.

Miss Primer (reads)—"May Providence watch over you and keep you always from yours truly Madge."

Miss Grammar—Well, that's a funny way to write to a man you hate!

Miss Primer—Not at all! Notice—I leave out the commas.

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## School Board Journal

### Supplies and Equipments.

Pictures for school room decoration are receiving special attention at the hands of Maison Ad. Braun & Company, 249 Fifth Avenue, New York. This firm has just issued a large illustrated catalogue for the use of schools and colleges. Small reproductions of the pictures are shown and prices quoted.

Williams, Brown & Earle, of Philadelphia, are manufacturing a new series of Planachromatic 1-12 objectives. The prices range from \$8 to \$30.

Philadelphia, Pa. The board of education has purchased an additional Smith-Premier typewriter.

Never before has there been a year when so much interest has been shown in articles for care and preservation of the text books, thus report the Holden Patent Book Cover Co., whose business is growing so rapidly that they request early orders to avoid any irritating delay in shipment.

Detroit, Mich. The board has entered into a contract with the American Terra Cotta Co. to furnish its material for the new eastern high school.

Peoria, Ill. Science apparatus for high school purchased from Alfred L. Robbins Co.

Chicago, Ill. Laboratory supplies purchased from the Chicago Laboratory Supply and Seale Co., and from Alfred L. Robbins-Martin Co.; kindergarten material purchased from Thomas Charles Co., and blackboards from the Standard School Furnishing Co.

Fairmount, Ind. Directors of Fairmount academy have purchased an additional Smith-Premier typewriter, which will be used for instruction purposes.

Chicago, Ill. Objective and lenses purchased from the McIntosh Stereopticon Co.

Lebanon, Pa. A Smith - Premier typewriter has been purchased for use in the Lebanon civil service school.

Grand Rapids, Mich. Supt. Hathaway says that in selecting pictures for the school room the following should be observed: In the primary room the pictures should be those which "Tell the story of happy animal life and child life, of vigorous action and of mother love." In general, the pictures should be such as can be contemplated with pleasure, not with pain. Those which suggest pain or trouble should not have a place in the school room. Every picture selected should have not merely an artistic value, but should also represent a theme which is elevating. These two features, elevation of thought and skill in execution, should characterize every picture selected. Pictures should carry well; that is, they should have few figures and these few well cut and clearly defined. By making a choice of such pictures pupils from every part of the room will be able to appreciate them. In framing a picture we should observe the truth of Ruskin's statement that the frame should surround the picture "with a space of silence." Never should a frame draw attention to itself. Its sole purpose is to set off the picture. The most appropriate frames for school room pictures are those which are quite free from carving and represent the wood in its natural colors. They should be of a tone which harmonizes with the general color of the pic-

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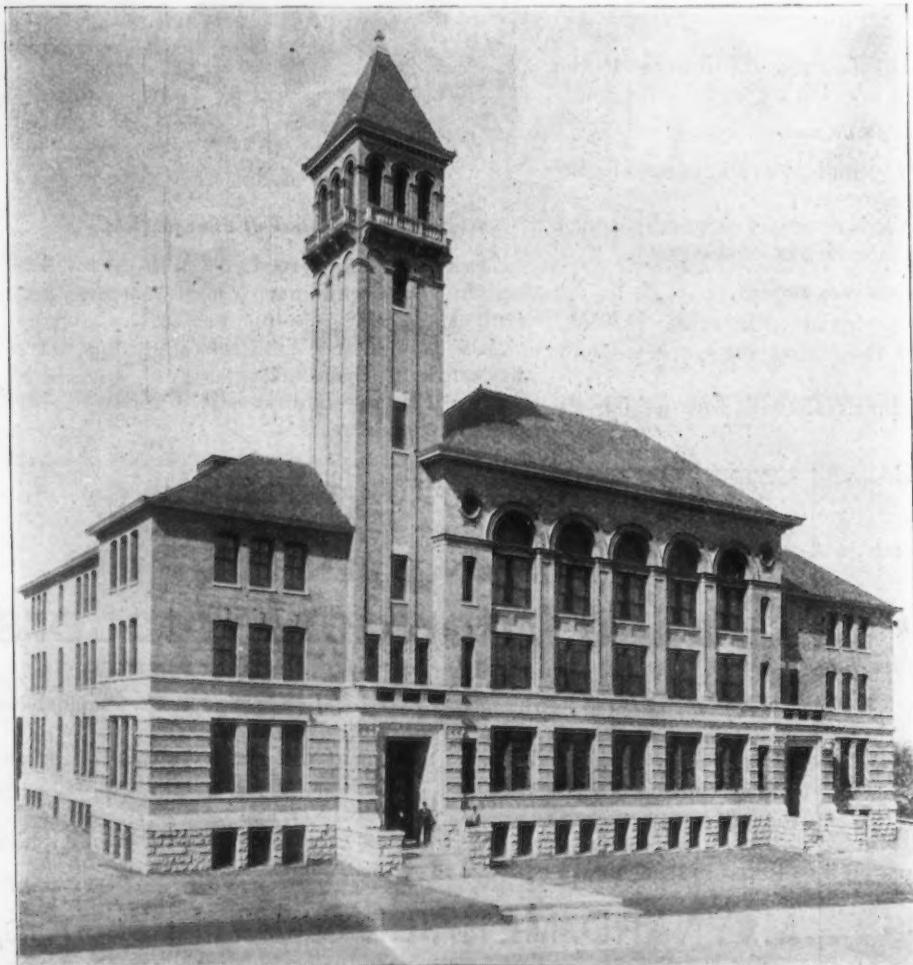
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ture. If the picture demands a wide frame a single line of beading will tend to give a ripple of light running around the picture. The rule governing the selection of a mat is that a mat should be of a color analogous to the general hue of the picture, and of a tone lighter than the darks and darker than the lights. A wide mat should be placed on a picture which is to be studied from a distance, but a narrower mat on one which is to be studied at close range. The upper margin of the mat should be slightly narrower than the lower. Mat and frame should be unobtrusive and of a color analogous to that of the picture.

The Coles Slate and Blackboard Co. have moved its offices to 68 Church street, corner Vesey, New York City. The concern is located with the New York Silicate Book Slate Co., with which firm they are closely allied; the Coles company making the wood work for the New York company and the New York company making the slating for the Coles company. With the improved machinery used to turn out frames, the capacity of the firms is very much increased.

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CHICAGO, ILL.

## School Furniture.

New York, N. Y. A large supply of school desks and seats purchased from the American School Furniture Company.

Davenport, Ia. An order for school desks given to the American School Furniture Company.

Detroit, Mich. The supply committee reported recommending the acceptance of the Favorite Desk & Seating Company.

Indianapolis, Ind. In the patent suit over circular church seats, between the American School Furniture Company and H. C. Vaught & Sons, of Parker City, Ind., on the patent to George Faulhaber, Judge Baker of the United States Circuit Court, heard evidence, and arguments on a motion for preliminary injunction to stop defendants from making and selling circular church seats. The court refused to grant the injunction on the ground that the validity of the patent was too doubtful; that the prior decisions claimed to have been had on the Faulhaber patent were not defended cases or cases carried on their merits, and that there has not been general acquiescence in the rapidity of the patent.

The Chandler Adjustable Chair and Desk Works secured an order for chair desks at Greenland Depot, N. H.

The Grand Rapids School Furniture Works have just received an order from the town of Lowell, Mass., for a large quantity of their ball-bearing school desks.

The school board of Akron, N. Y., have just placed a nice order for school furniture with the American School Furniture Co., of New York.

The Penn Charter school of Philadelphia placed an order for desks with the J. M. Sauder Co.

Mr. M. P. Hoffman was recently elected secretary and treasurer of the J. M. Sauder Co. Mr. Hoffman is a shrewd, practical business man. Having achieved success in other lines, he identified himself with the Sauder Co., and, with increased working capital, established this company on a sound, healthy basis.

The L. E. Knott Apparatus Co., of Boston, has established a branch office at 70 Fifth avenue and will be represented in the field by Mr. N. D. Parker.

The Bryant & Stratton commercial school will shortly open in Havana, Cuba. The J. M. Sauder Co. has secured contract for fitting up this school with 150 of the special commercial desks. They also secured contract for 100 desks of same kind for the Bryant & Stratton school in Boston.

Monroe, La. The contract for furnishing the new school building with desks and venetian blinds awarded to A. H. Andrews & Co., of Chicago; the contract for opera chairs for the Auditorium awarded to the Grand Rapids School Furniture Co.

Columbus, O. Contract has been closed with the Thos. Kane Company works of Racine, Wis., for the necessary assembly chairs at the South High school.

Boston, Mass. At a recent meeting of the Boston Society for Medical Improvement the majority of the speakers showed how injurious stationary seats are and how children are subjected to spinal curvature and other kindred evils, besides endangering their eyesight. A chair devised to meet anatomical requirements was shown by Prof. Edward A. Miller of the Institute of Technology. Mr. Butler, speaking from the standpoint of the manufacturer, said that every city in Massachusetts, except Boston, had equipped the schools with adjustable furniture. Why Boston did not equip all the schools with this furniture he did not understand. Supt. of Schools Seaver stated that the school board was doing its best with a limited treasury to supply all the schools with adjustable furniture, as the members recognized the fact that this furniture was beneficial to the children. A committee was appointed to look into the matter and to have immediate action taken in regard to having all the school supplied with adjustable furniture.

# RECENT ADOPTIONS

## THE STATE OF WASHINGTON

Adopted Lights to Literature Readers Nos. 1 and 2; New Century Readers Nos. 3, 4, 5, 6, for a period of five years.

## THE CITY OF CHICAGO

Adopted for regular use Lights to Literature Readers Nos. 1 to 6.

## Language Through Nature :

A New Language Book for Third Grade in press. A sample copy sent for 36c.

For circulars and prices on the above books, as well as Geographies, Grammars, Arithmetics, Copy Books and School Library Books, address

**RAND, McNALLY & CO.,**

166 Adams St., Chicago.

142 Fifth Ave., New York.

New Orleans, La. The board recommended to the city council that contractors for the new schools be instructed to use the Olmsted Artificial Slate Blackboard in the same and that the architects be instructed to specify the same in all the plans hereafter. The contract was then awarded to the Standard School Furnishing Co. of Chicago, to furnish the Olmsted Artificial Slate in the Erato St., Carrollton Av.; Gordon Av., Webster Av., and Live Oak schools, as well as three or four old schools where the old blackboards are to be removed.

Peoria, Ill. The Illinois Refrigerator Company furnished the needed school desks.

## A BRIGHT AND POPULAR HISTORY Of the United States, for Grammar Grades,

Is found in our Gibson's United States History. Cloth, 515 pages, \$1.00. Introductory price, 80 cents. Many new and valuable charts and maps. The subject carefully correlated with other branches. Valuable references for collateral reading.

## DRAWING FOR TRAINED TEACHERS FOR UNTRAINED TEACHERS

Is to be found in the following books: The Webb & Ware Series, Nos. 1 to 4 for Primary and Intermediate Grades; Nos. 5 to 8 for Intermediate and Grammar Grades. Three state adoptions: used in many leading cities. Just adopted by Atlanta, Ga. Sellman's New Water Colors. 8 in box, with brushes, unexcelled in quality; lowest in price.

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## School Board Journal

### Supplies and Equipments.

Conneaut, Ohio. Scientific apparatus for the high school procured from the Robbins-Martin Company.

Rutland, Vt. School supplies purchased from the J. L. Hammett Company of New York and the Atkinson & Mentzer Co.

St. Paul, Minn. State superintendent of public instruction, J. H. Lewis, issued a circular letter to county superintendents of schools warning them against certain school supply agents who sell school charts, costing not more than \$5 or \$6 each, to members of rural school boards at prices ranging as high as \$60.

Kalamazoo, Mich. Drawing material purchased from the Prang Educational Company.

Detroit, Mich. The contract for furnishing slate blackboards for several schools awarded to Herman Mayer & Co.

Canton, Ill. General school supplies purchased from the Central School Supply House of Chicago.

Norristown, Pa. A supply of book covers ordered from the Holden Patent Book Cover Co.

Maquoketa, Ia. An order for necessary school supplies given to the Central School Supply House of Chicago.

New York, N. Y. Contract for school blinds awarded to the Burlington Venetian Blind Co., and the slate contract to the Slatington Slate Co.

Ronney, W. Va. Four Smith Premier typewriters have been purchased for the deaf, dumb and blind institute, and will be used for instruction purposes.

Colorado Springs, Col. A proposition to connect the school buildings by telephone is being considered by the board.

Toledo, O. A Smith Premier typewriter has been purchased for use in the manual training school.

Fond du Lac, Wis. An order for school supplies given to Atkinson and Mentzer.

Alliance, O. The Holden Patent Book Cover Co. was given an order for book covers.

Washington, D. C. The board has prohibited the scale of anti-cigarette badges to pupils.

Shamokin, Pa. The board contracted with the Holden Patent Book Cover Co., of Springfield, Mass., for book covers.

North Manchester, Ind. Two Smith-Premier typewriters have been added to the equipment of Manchester college.

St. Clair, Wis. General school supplies procured from the Caxton company of Chicago.

Millersville, Pa. A Smith-Premier typewriter has been purchased for use in the state normal school here.

Saginaw, Mich. A batch of diplomas ordered of Gugler Lithographic Co., of Milwaukee.

Moodus, Ct. The town school committee adopted the following rules to comply with the statue in regard to supplies furnished schools which were bought in part by state aid:

1. All supplies furnished schools by the town, such as maps, globes, books of reference, etc., shall be under the care of the teachers, who shall be held responsible for their use and safe keeping.

2. Teachers shall see that any damage done to said supplies, whether carelessly or maliciously, be made good, by party guilty of such offense, or when done accidentally, be reported at once to supervisor of that school, for immediate repairs.

Racine, Wis. Purchased kindergarten material from the Thomas

Charles Company.

Belleville, Ill. Apparatus for the high school laboratory purchased from the H. Hill Chemical Co.

Topeka, Kan. The board voted down a resolution to the effect that members of the board in the future be prohibited to furnish school supplies or be in any way connected with concerns with whom the board contracts.

Pekin, Ill. A quantity of general school supplies procured from E. W. A. Rowles of Chicago.

Racine, Wis. A Remington typewriter purchased from Wyckoff, Seamans & Benedict.

Lansing, Mich. Typewriter material purchased from the Remington Typewriter Co.

Bessemer, Mich. A supply of school material procured from the Central School Supply House.

### Ventilation and Light

In school rooms should be provided for in all building plans and specifications. This is an easy matter to accomplish in new buildings, but what of the thousands of buildings already in use? Window shades have been hung from the top from time immemorial, which not only makes it impractical to provide pure air from top of windows, but completely shuts off the light in many cases from lower portion, thus excluding both air and light. Were light admitted from top of window by hanging the shade roller on adjusters which permit it to be raised or lowered at will, pupils might always be supplied with fresh air and properly shaded light.

The Knapp Shade Adjuster holds any shade roller, is easily put up, and should be in every school room. Manufactured and sold by Fred H. Knapp, 44 Randolph street, Chicago.

### A New School Room Device.

School officials and teachers will be interested in the invention of Wm. H. Barten, a teacher in the United States Indian school service at Pine Ridge Agency, S. D. The invention has for its object the preservation of health and cleanliness, better educational progress, convenience, etc., in the school room. It is known and advertised in another column as the Barten Antiseptic Cabinet for collecting, storing and distributing ink-wells, pens and pencils. There is no doubt about the practical utility of this invention. It has already been thoroughly tested in the school room and has won the highest testimonials from practical teachers. The inventor first conceived the idea at a large

Teachers' Institute, where the annoyances experienced with ink, as usually left in the school desks, were being discussed.

Mr. Barten invented and made drawings and specifications of every possible way of making cabinets of this nature. The best ones he had patented, and the others properly witnessed. This secures to him the sole right and monopoly of all possible improvements and imitations against infringers. This cabinet, if properly introduced, is designed to become a staple article for school room use. In this day of invention and enterprise it requires more ingenuity to put a device successfully upon the market, than to invent it. Mr. Barten is a school teacher and lacks the business facilities and capital to manufacture and introduce the cabinets into our schools on a large scale. He needs the assistance of a company already organized and pushing school supplies, or a company to be organized and give its attention to the manufacture and introduction of these cabinets. Companies are not easily interested in new enterprises, hence every teacher, superintendent, member of school board, etc., should write at once to Mr. Barten an opinion as to the need of this Antiseptic Cabinet in the school room. These letters will be a great help to Mr. Barten in getting reliable parties interested in the invention to push it forward.

Reliable parties wishing to engage in the manufacture and introduction of these cabinets should write at once to the inventor, Wm. H. Barten, Allen, S. D.

Philadelphia, Pa. Members of the board of education assert that it is not their intention to retire teachers at the expiration of thirty years' experience in the public schools of this city, and they heartily coincide with the views of Prof. Christine, of the Central high school, that to retire a teacher after she had so many years of experience would be to deprive the public school system of its best material.

Dunbar, Pa. The action of the board in declaring the seat of one of its members vacant on account of non-attendance at the regular meetings is to be contested in the courts.



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**McCONNELL SCHOOL SUPPLY CO.,**

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### Growth of Eaton & Company.

When Ira T. Eaton, who was widely known in the Western country as an aggressive and industrious representative of a large educational publishing house, conceived the idea that he might become the founder of a new concern, he had but little to give him encouragement. The field seemed covered. He studied carefully, conditions which would offer an opening for a young house, however, and planned, with consummate skill, the corner stone for a publishing house that could be of service to the school public and at the same time give him a field of activity for which he was so well adapted.

As already stated, the prospects were not over bright. The older established firms held upon their lists all the various books required in the educational work of schools and colleges—and could supply any and all demands. Mr. Eaton went to work, however, and demonstrated what could be done even with limited capital, if brains and energy were properly applied. In a few years a good list of books was secured, adoptions were won and recognition was earned. The firm of Eaton & Company equipped with school books worthy of attention entered the field, made a well directed effort to secure patronage, and, what is more, succeeded.

Among the more notable adoptions were the new era copy books for the entire state of Indiana and the new era history for the state of Washington, besides numerous adoptions for the series of readers, histories, copy books, etc., which the firm published.

It may be said that the growth of the young firm, while phenomenal in some respects, is not due merely to chance. As already stated, its rise demonstrates what can be accomplished by pluck, energy and judgment. There are plenty

of good men in this world who will encourage laudable efforts. There is still a chance for those who will enter the arena of human activity with a purpose well defined.

While it is not the purpose here to praise unduly any man or set of men, it remains that a proper recognition of creditable service is always in order. Eaton & Company, of Chicago, deserve that recognition.

### Supplies and Equipment.

Dallas, Tex. The board has ordered telephones placed in all the school buildings and in the superintendent's home.

Philadelphia, Pa. By unanimous vote the board adopted a resolution "that all the new school houses shall be provided with stone, brick or iron tower escapes.

Grand Rapids, Mich. Green blackboards are being put in all over the city. It is expected that before long all of the boards in the schools will be of green. It is said to be a more restful color for the eyes.

The Dixon company have just completed a new five story factory to be used exclusively for the manufacture of colored crayons. They are also equipping their entire factory and plants with dynamos and motors for running their entire business by electricity. The chimney of their new power station has just been finished. It is the tallest structure in Jersey City and can be seen for miles from all directions. They report their school business is continually increas-

ing, and these enlargements of the factory are made solely to keep up with the increased business, which has come to them from all parts of the country.

Sioux City, Ia. County Superintendent Kellar states this is the time of the year when agents are abroad in the land with schemes to work the school boards to buy apparatus of various kinds for school work. It is the desire of these agents when it is possible, to secure the endorsement or recommendation of the superintendent of the state, county or city, and then proceed to almost force their goods upon the persons connected with the schools. He cautions boards against the purchase of expensive charts, maps, blocks and the like to the exclusion of books for a library which he considers the greatest importance to the school. He calls attention to the wise public policy that no debt should be incurred for the purchase of school articles and that sufficient money should be retained in the contingent fund to meet the ordinary running expenses of the schools.

The Standard School Furnishing Co., of Chicago, recently secured the contract for the rolling partitions for the new school building to be erected at Danville, Ind.

The school board at Paragon, Ind., recently made a contract with Standard School Furnishing Co., of Chicago, to furnish their new school house with the Olmsted Artificial Slate Blackboards.

The Sterling Business College at Sterling, Ill., will be furnished throughout with the Standard Automatic school desk as furnished by the Standard School Furnishing Co., of Chicago.

## CENTRAL SCIENTIFIC COMP'Y.

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## School Board Journal

### New School Buildings.

Opelika, Pa. Contract for the erection of new school awarded.

Washington, D. C. A new 8-room school at northeast corner South Carolina avenue and second street, southeast. Also a new 8-room school on fifteenth street, between Gales and Rosedale streets, northeast. Write B. F. MacFarland.

Key West, Fla. A new \$20,000 school house.

Woodlawn, Ga. A new \$25,000 school according to plans of architect Lewis Goodrich.

Minonk, Ill. Plans are being made for a \$30,000 high school.

Moline, Ill. An addition to be made to the Logan school in South Moline.

Kewanee, Ill. Work on the construction of a 4-room addition to the Irving school has begun.

Harvard, Ill. A petition is being circulated for a new school house.

Sullivan, Ill. Contract for new school let.

Quincy, Ill. A new school.

St. Anthony, Ind. A new school is in course of erection.

Stonebluff, Ind. Work on new school has commenced.

Martinsville, Ind. A new annex to high school.

Nend, Ind. A new \$4,000 school.

Peru, Ind. A new 2-story, 6-room school. To cost \$6,000. Contracts awarded.

Dixon, Ill. The board of education of district No. 5, have accepted plans for a new school drawn by F. S. Allen, Joliet, Ill.

Peru, Ind. A new school to be erected. To cost about \$10,000.

Americus, Ind. The new school to be erected, it is estimated will cost \$2,550.

Allerton, Ia. Contracts for the erection of new high school awarded.

Oxford, Ia. Plans for new school house prepared by architects Chandler & Park, Racine, Wis.

Ottercreek, Ia. Two new schools to be erected.

Ford, Ia. Bids for the erection of a new school are asked.

Council Bluffs, Ia. A new school to be erected on ninth avenue, between Elm and Maple streets.

Charlton, Ia. A new school on North Main street.

Cedar Falls, Ia. A new school. Address W. Althen, secretary.

Pembroke, Ky. A new \$7,500 school.

Baton Rouge, La. The city council has awarded the

contract for building the high grade school which is to cost \$35,750.

Milton, Mass. An addition to be made to the Thacher school.

Detroit, Mich. A new school house, 96x162 feet, 2½ stories. To cost \$40,000. Plans by architects Malcomson & Higginbotham.

Owosso, Mich. Contract to build a new school awarded.

Sheridan, Mich. A new \$4,600 school.

Milan, Mich. A new school to cost \$18,000.

Ontonagon, Mich. A new \$12,000 school house is being constructed.

New Richland, Minn. A new \$14,000 school according to plans of Architects Omeyer & Thorl, St. Paul.

New Prague, Minn. New high school, 70x88 feet, two stories. To cost \$20,000. Plans by Architect H. C. Gerlach, Mankato, Minn.

Duluth, Minn. Contracts for the Monroe school awarded. Estimated cost, when completed, \$27,275. Architect J. J. Wangenstein prepared the plans.

Hector, Minn. Five thousand dollars in bonds voted for an addition to school house.

Lumberton, Miss. A new two-story school to be completed in ninety days.

Sparta, Mo. Contract for erecting new school awarded.

Sikeston, Mo. A new school according to plans made by Architect J. B. Legg, St. Louis. To cost \$15,000.

Doniphan, Mo. Contracts for new school house let.

Joplin, Mo. Contract for building new school let.

Chillicothe, Mo. Twenty-five thousand dollars has been voted for a new high school.

Table Rock, Neb. A new \$10,000 school house.

Pensauken, N. J. Bids for the erection of new school have been received by the board of education.

New Rochelle, N. Y. An appropriation has been voted for the erection of a high school.

Stanley, N. C. A new \$2,000 school. Plans by Hook & Sawyer, architects.

Bottineau, N. D. Bids for the erection of two new schools have been asked.

Fargo, N. D. A new \$40,000 high school. Hancock Bros., architects.

Columbus, O. A 4-room addition to the Fair avenue school in accordance with plans prepared by David Riebel, architect.

West Liberty, O. A new school house according to plans drawn by Yost & Packard, architects, Columbus, O.

Marietta, O. A new high school. Plans by W. B. O'Neill & Co., architects.

Oakhill, O. Bids for erecting new school have been asked.

Lorain, O. A new school.

New Castle, Pa. Plans are being prepared by Architect W. G. Eckles for an 8-room school.

Pottstown, Pa. A new two-story school. To cost \$7,500.

North Braddock, Pa. Bids for the erection of a new school have been asked.

Sioux Falls, S. D. A new addition to the Whittier school.

Lewisburg, Tenn. An \$8,000 school is to be built.

Dotsonville, Tenn. A new school house. Write Andrew Byrd.

Kirrville, Tex. A new school.

Price, Utah. A new school.

Tacoma, Wash. A 6-room addition to the Emerson school.

Seattle, Wash. A new \$33,000 high school.

Fond du Lac, Wis. Two new schools. One to cost \$9,000 and the other \$12,000.

Marinette, Wis. Contracts to build a new 8-room school awarded.

Ashland, Wis. Ground has been broken for the erection of the new \$20,000 school house.

Florence, Wis. A new 6-room school. To cost \$6,000. Plans by Architect J. E. Clancy.

Merrill, Wis. A new school is to be built.

### Heating and Ventilating.

E'mira, N. Y. The board had the Northcott Warming and Ventilating Company do repair work at several schools.

Detroit, Mich. The board has entered into a contract with the Powers Regulator Co. for the automatic heat regulation of the Eastern high school.

St. Joseph, Mo. The school board let contracts for the heating of the Ernst school, the Humboldt school, the South Park and the school to be built at Sixteenth and Sacramento street's, to Louis & Kitchen, of Kansas City.

Passaic, N. J. The board of education accepted the bid of the Fuller-Warren Company of Boston, for the heating and ventilating of the new No. 3 school.

Charleston, W. Va. Mr. Peck, of the Peck-Williamson Company, Cincinnati, O., recently addressed the board on the subject of school house heating and ventilating.

New Ulm, Minn. Contract for heating system awarded to the American Warming and Ventilating Company.

## We Warm and Ventilate the Largest Buildings in the World!



Denison, Iowa, High School.

W. R. PARSONS & SON CO., Architects.

American Warming and  
Ventilating Co.,

Heating and Ventilating Engineers.

433 Wabash Avenue,

CHICAGO, ILL.

Have installed the Heating,  
Ventilating and Sanitary apparatus  
in this building. The system is that  
of forced warm air furnace blast. It  
has been in operation the past school  
year and is entirely satisfactory.

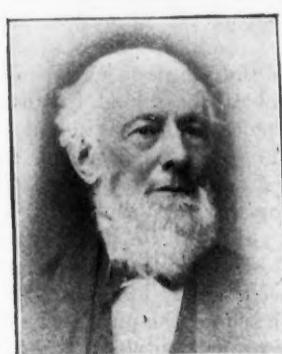
AMERICAN WARMING & VENTILATING CO.,  
433 Wabash Ave., CHICAGO, ILL.

LEWIS & KITCHEN, Cor. Ninth and Broadway,  
KANSAS CITY, MO.

## School Board Journal

### Centh Anniversary.

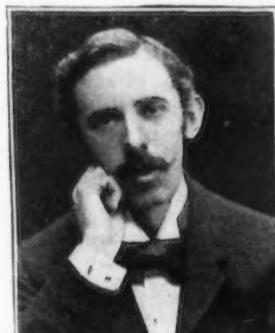
In view of the fact that it is just ten years since the American publishing house of Isaac Pitman & Sons was established, we think the accompanying portraits of the late Sir Isaac Pitman—the inventor of phonography—and of his nephew, Clarence Arthur Pitman, the genial and efficient manager of the American branch, will be apropos. The untiring diligence of Isaac Pitman for more than sixty years in so greatly improving and extending the art of phonography, and the very small relaxation of his efforts even at the ripe old age of over



SIR I. PITMAN.

eighty, are too well known to need further mention. The English firm, for some years before the death of Sir Isaac, was practically under the control of his two sons, Messrs. Alfred and Ernest Pitman, and the marvelous growth of their business during the last few years is indicative of their sound judgment and keen business ability. Some idea may be gathered of the vast business now carried on in the Isaac Pitman publications when it is stated that one of their text books—"The Phonographic Teacher"—has sold to the extent of over two million copies. In addition to this the different shorthand and educational works enumerated in their forty-eight-page catalogue number nearly two hundred books, and they also publish, besides, three weekly papers—viz., the *Phonetic Journal*, *Pitman's Shorthand Weekly*, and *Pitman's French Weekly*. The *Phonetic Journal* alone enjoys a sale of over 25,000 copies per week, and is now in its fifty-ninth yearly volume. The "Phonographic Dictionary," "Phrase Book," "Reporter's Assistant" and other standard works published by this enterprising firm also have a very extensive sale.

Mr. Clarence Arthur Pitman, the fifth son of Mr. Joseph Pitman, was born at Meltham, Yorkshire, England, August 15, 1861. He received more than an ordinary common school education, having finished at Gildersome Hall College, near Leeds, Yorkshire. For upward of ten years he and his brother, Gilbert H. Pitman, very successfully conducted the publishing business for Isaac Pitman & Sons, at 1 Amen corner, London, England, and when the question of opening an American house came up Mr. Clarence Pitman was chosen. He reached New York in April, 1890, and, after an extended tour through the United States and Canada, he founded the American branch. Mr. Pitman must have been imbued with American ideas from his very advent in this country, for he certainly put new life and vigor into the business from the start. That the common and high schools of New York and other large cities should have so generally adopted the Isaac Pitman system and text books is sufficient evidence of the great strides the business has taken under his able management. He is one of the early members of the Phonetic Society, holding one of the much coveted certificates bearing the signature of the "inventor" himself. Mr. Pitman is a self-taught phonographer, having learned the system from the text books without the aid of a teacher. Some two years ago he took out his final papers making him a full fledged citizen of the United States, and he has also shown his good sense and patriotism by marrying one of the fair daughters of this country. Mr. Pitman is exceedingly fond of fresh air and exercise, and a favorite pastime of his is being astride a bicycle and seeking pastures new. He is fond of reading, and passionately so of music. He is a most pleasant gentleman with whom to transact business, and all who have met him can but feel that the firm of Isaac Pitman & Sons is fortunate in having at its head in this country so well trained and courteous a gentleman.



C. A. PITMAN.

Philadelphia, Pa. The matter of the proposed substitution of outside iron fire escapes for brick and stone fire escapes in the construction of school houses was referred back by the board of education to its committee on property for further consideration.

### Among Boards of Education.

Millstadt, Ill. The school board gives the following reasons for not employing women teachers: "Women teachers cannot manage boys in a country school. In cities it may be different, for there the boys are accustomed to being under the control of their mothers because their fathers are away from home all day. In country towns the boys are sturdy and accustomed to paternal piloting and a man is required in the schoolroom to keep them going straight."

Chicago, Ill. In all probability the soliciting of advertising for the school programme on the part of pupils will be stopped by the board of education. The trades people declare that it is becoming a nuisance and want it stopped.

Wyandotte, Mich. The board had 150 applicants for the vacant superintendency.

Akron, O. E. E. Otis, president of the board: "I am thoroughly of the opinion that a teacher should be hired for a probationary period, but after the employment is continued a certain length of time, the employment should continue during good behavior and satisfactory service."

Minneapolis, Minn. The board has been considering the establishment of a permanent pension fund for teachers. When time for renewing contracts with the teachers comes the board proposes to reserve the right to deduct the sum of one per cent. per month from the salaries of the teachers. The money thus reserved is to form the means of a permanent teachers fund.

Chicago, Ill. Fire drills in the schools are to be made the subject of an investigation by president Graham H. Harris of the board and several trustees.

Chicago, Ill. Starvation is declared by Dr. W. S. Christopher of the board of education to be one of four causes of dullness or backwardness among pupils. He explains this to mean not actual lack of food, but lack of the proper kind of food.

Troy, N. Y. Governor Roosevelt vetoed the bill providing for a single-headed school commission for the city of Troy.

Marinette, Wis. On investigation it is found that each teacher has an average of sixty pupils.

Toledo, O. The following is the platform of President Dowd of the board of education:

"First—The schools were made for the children, and not the children for the schools.

"Second—Children should have free access to the basements, and as good toilet facilities as they have at home.

"Third—School hours should be shortened—not over four hours a day.

"Fourth—Detention after school hours should be abolished.

"Fifth—Imposition of school work as a punishment should not be tolerated.

"Sixth—The sign to keep off the grass should be kicked off the grass.

"Seventh—More attention to the physical well-being of the children.

"Eighth—The gradual introduction of manual training and kindergarten into the ward schools."

Camden, N. J. President of the Board C. S. Magrath: "It is of the greatest importance, that where teachers develop talent and adaptability for training the younger children in our schools, they should be encouraged to keep in that particular line of work by paying them salaries commensurate with their ability and length of service."

Birmingham, Ala. A committee has been appointed to act with Supt. Phillips in investigating the advisability and feasibility of introducing manual training as a part of the curriculum of the schools.

### HARD TO STAY GREAT.

Forces in Nature Intended to Level Those who Push Ahead of the Mass.

By brains, hard work, and self-denial a man reaches a position of wealth and greatness.

Right then, by a natural law, the contrary forces set to work to tear him down, to prevent his getting too far ahead of the regular evolutionary development.

Think it over and you will remember your own and your friends' experience.

When fortune's face begins to smile, misfortune's iron hand appears, for the man yields to some or many of the "tearing down" forces, anxiety, worry, whisky, tobacco, lust, coffee, etc., etc. Health begins to leave and the man is unable to hold his lofty position.

Only the grim, determined fellows, who recognize the devils that would rob and slay him, and who sturdily and steadily refuse to allow them to work on him, are able to "stay great."

Is it worth while?

You are your own master and judge. You can kill them or you can yield, and they will down you.

A man says, "I can't quit."

There is but one answer, "Get down, then, to the lower place that the big crowd of "commons" occupy.

It is only the "masters" who can remain masters.

Coffee is one of the most dangerous sluggers in the list, for it is veiled and seemingly harmless, but its mission is to weaken heart, kidneys, and digestion, then slowly follows weakness of purpose and inability, and the victim, all unconscious of the reason, steps backward and downward from his hard-earned place among the great ones.

It is easy to shift the coffee habit by taking on Postum Food Coffee, a distinct and scientific "anti" for coffee.

Postum (well-made) satisfies the coffee taste, and instead of breaking down the heart and nerve centres builds them up in a remarkable manner as the result of the action of the ingredients carefully and expertly selected from nature's storehouse of sustaining and rebuilding food elements.

You can be great and stay great if you have sturdy determination and make use of the discoveries of modern science and research. Postum Food Coffee is made at the famous pure food factories of the Postum Co., at Battle Creek, Mich.

Omaha, Neb. A newly adopted rule is to the effect that promotions of officers in the cadet corps at the high school should depend in a measure upon their standing in their classes.

Vancouver, Wash. If physiology should be taught, then the effect of alcoholics and narcotics upon the human system must, of necessity, be a part of that teaching, for physiology is the science of nature, or knowledge of living, and as the use of alcoholics and narcotics is effecting the physical conditions of the human race to a greater degree than any other articles of food or drink, surely the knowledge of these facts should not be suppressed. Should Atwater, Dutton & Co. succeed in demonstrating that alcohol is a food, we shall have one more reason for teaching the effect of this food. This question can not be treated from either a moral or a scientific basis, but from both.

Our public school system is instituted for the purpose of educating our children. Webster says that education is the act of developing the various physical, intellectual and moral faculties. If this be true, every subject which relates to their well being comes within the function of public school work.—Mrs. Maria L. T. Widden, President.

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### New Rules and Regulations.

San Francisco, Cal. A teacher was suspended for the period of one year for failing to notify the principal of the school in which she taught of her intended absence.

Pauls Valley, I. T. Personal cleanliness is required of all pupils on pain of suspension.

Chicago, Ill. A revised curriculum, approved by the high-school committee of the board of education, permits election of courses by the pupils, with the advice and consent of parents and principal. The entire course is made elective excepting two years of English language and literature, two years of a foreign language, and one year of algebra, one of history, and one of science. It permits the pupil to advance as rapidly as his ability allows, and provides that diplomas shall be given upon the completion of a course of fifteen credits. It allows pupils of unusual ability to complete the course in less time than those of less capacity. Two periods of entrance to the high schools are fixed, one in September and one in February, and it is made possible for pupils to advance from the grammar grades to the high schools at other times when they are prepared, and the classes are ready to receive them.

ent to curtail the sessions in the schools on extremely hot days.

Camden, N. J. The president of the board, C. S. Magrath, has recommended the establishment of one central base or depot for distributing supplies to the various schools. He believes that thus a good service can be obtained.

Memphis, Tenn. All the rules pertaining to the duties of parents and pupils in their relation to the schools of the city are to be printed and distributed among the patrons of the schools in order that they may know the rules that are intended to govern them as parents. Copies will also be given to the pupils themselves in order that they may be fully conversant with the text of the rules to which they are subject so long as they are connected with the schools.

Louisville, Ky. Dr. William B. Meany, discussing hygiene in the public schools, said: "Water is essential to health and well being of the child, and should be supplied in abundance and of the greatest purity (filtered, boiled and aerified) in every school house. The children should be encouraged to drink frequently in moderate quantity of moderately cool water—drawn from scrupulously clean receptacles, and from individual drinking cups. Wholesome

water is better than any other beverage: it cools, nourishes and stimulates. It revives the overworked body: recuperates the worn-out power, promotes active circulation of the blood and refreshes the exhausted nerves. The lack of proper supervision of the water supply of the school will probably account for cases of typhoid fever and other diseases, from which schools not infrequently suffer.

Albany, N. Y. The method of promotion in the schools has been changed. The resolution adopted is as follows:

All promotions in the high, grammar and primary schools, excepting the promotion from the grammar schools to the high schools, shall be made on the basis of the opinions of the class teachers and principal of the school. Individual pupils may be promoted at any time at the discretion of the principal of each school, who shall keep a record of each case, setting forth the reasons for making the promotion.

In relation to the pupils of the first, second and third years, the decision of the class teacher and the principal shall be final; but in all other grades and in the high school, the pupils who are not recommended for promotion shall be granted, on the request of the person in parental relation to such pupils, an examination in such subjects of their grades.

Candidates for admission to the high school will be admitted upon passing an examination in the subjects of arithmetic, English grammar, geography, spelling and United States history. Any candidate for admission falling below the standard of seventy-five per cent. in only one subject, provided he attains at least fifty per cent. in such subject, shall be permitted to take another examination in such subject prior to the opening of the next school year.

### Beware of Ointments for Catarrh that Contain Mercury

as mercury will surely destroy the sense of smell and completely derange the whole system when entering through the mucous surfaces. Such articles should never be used except on prescriptions from reputable physicians, as the damage they will do is ten fold to the good you can possibly derive from them. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, O., contains no mercury, and is taken internally, acting directly upon the blood and mucous surfaces of the system. In buying Hall's Catarrh Cure be sure you get the genuine. It is taken internally, and made in Toledo, O., by F. J. Cheney & Co. Testimonials free.

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### Election of Superintendents.

Duluth, Minn., R. E. Denfeld, re-elected; Chester, Pa., A. Duncan, \$1,800; Litchfield, Me., Henry Taylor; Wilton, Me., A. B. Allen; North Haven, Me., Fremont Beverage; Paris, Me., Walter L. Gray; Troy, N. Y., John H. Willets; Auburn, Me., F. E. Bisbee; Washington, Me., O. R. Johnston; Osage, Ia., Geo. Chandler; Menominee, Mich., Dr. W. R. Hicks; Allegheny, Pa., Charles P. Lang; Ilion, N. Y., Dr. J. I. Rosbach; Brooklyn, N. Y., Charles E. Robertson; Memphis, Tenn., James E. Beasley; Pittsburgh, Pa., Dr. W. H. McKelvy; St. Paul, Minn., J. W. Corning; South Framingham, Mass., Dr. W. N. Sharp; Hollister, Me., N. Van der Pyl; Centerville, Ia., D. F. Smith; Creston, Ia., Hon. P. C. Winter; Burlington, Ia., W. E. Blake; Woodside, N. H., F. P. Dearth; Osage, Ia., C. R. Graves; Sabula, Ia., S. E. Day; Sigourney, Ia., Thomas KeHy; Clarinda, Ia., T. E. Clark; Le Mars, Ia., I. J. McDuffie; Boone, Ia., Wm. Crowe.

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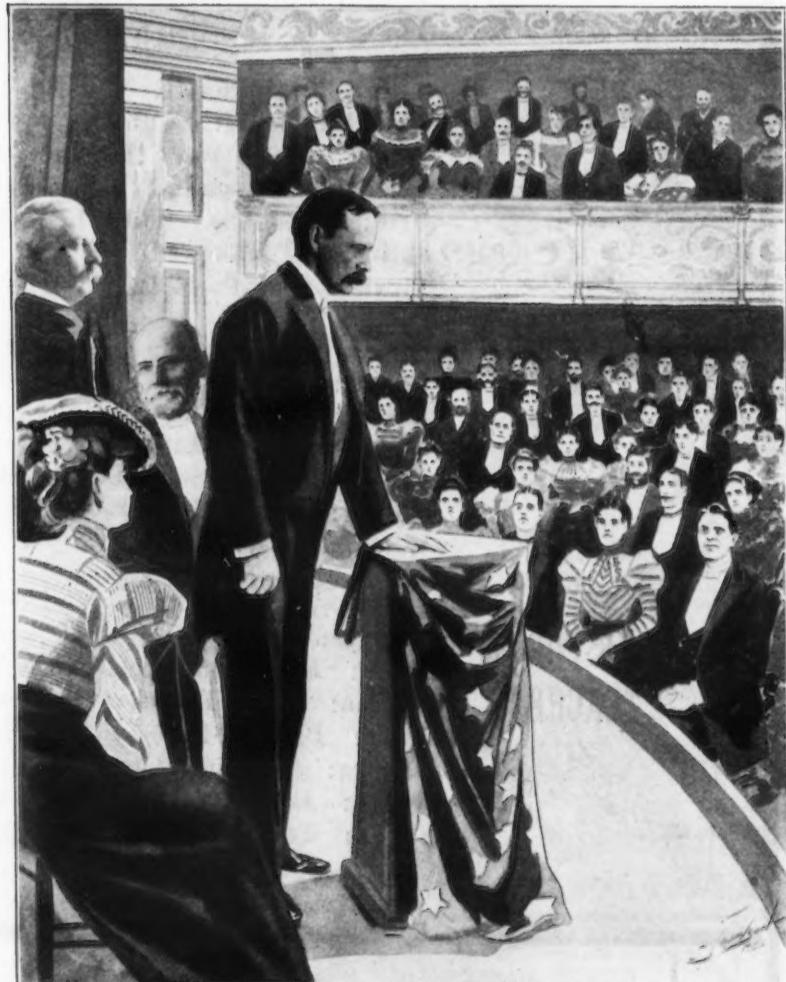
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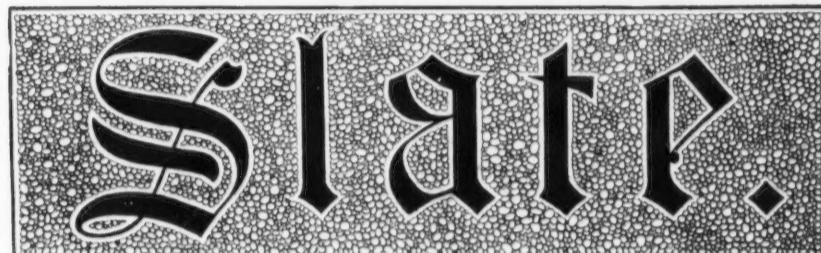
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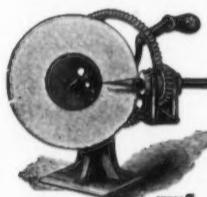
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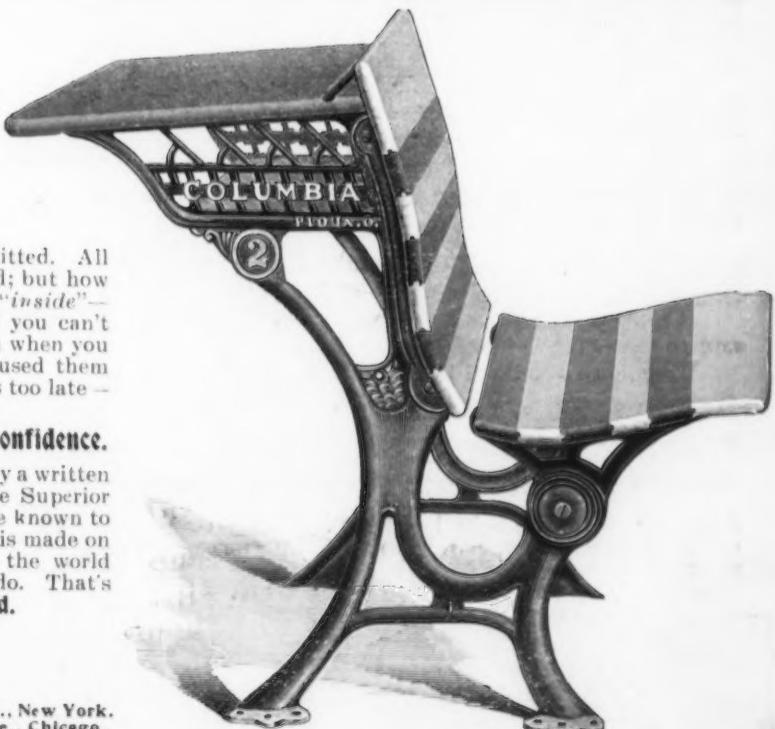
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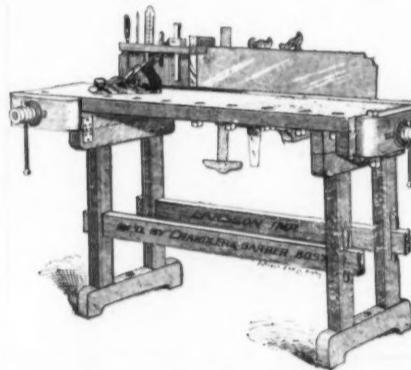
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